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LCRA TSC
TRANSMISSION MONTHLY CONSTRUCTION PROGRESS REPORT (MCPR)
for
July 2022

Public Utility Commission of Texas
Project No. 52947

Utility's Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish 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
1014810	TXDOT US 83 Relief Route Rio Grande City-La Grulla (T485)	Starr	Modify existing transmission line (T485), Rio Grande City-La Grulla, to accommodate road expansion by TXDOT.	11/9/2018	11/30/2018	11/30/2018		\$266,000	\$255,813	-4%	100	138	138	31.66	3x1-795 ACSR/AW "Drake/AW"	Steel Poles	Varies	31.6	n/a	n/a	25.101 (C)(5)(B)	
1017348	Cooks Point TL Addition (CCN)	Burleson	Construct a new 138-kV transmission line to provide a transmission point of interconnection to a new load-serving substation	7/1/2020	6/30/2021	6/30/2021	T-Line \$ 26.5 - 34.1M; Substation \$ 6.1 - 6.7M				100	0	138	17.23	2x1- 795 ACSR "Drake"	TBD, Poles and/or H-Frames	0	0	Varies; 80	17-23	46898	6/17/19 - PUC Approved Route 12; approved route cost estimate in CCH application for transmission line \$29M; substation \$6.2M
1016356	Belville S - Glidden TL Addition (T113) (Belville S-Glidden TL Storm Hardening - 1016355)	Austin County/Colorado	Replace 11 lattice tangent tower structures with steel pole structures to meet storm hardening requirements; the existing rating of the transmission circuit will be maintained at 110 MVA	8/23/2018	9/20/2019	9/20/2019		\$10,029,000	\$10,232,378	2%	100	69	69	31.24	Existing: (1)795 ACSR "Drake" New: Belville-Str 26 (1)859 ACSR "Suwannee" and Str.27- Glidden (1)795 ACSR "Drake"	Belville-Str 26 Concrete H-Frame and Steel DE Str. 27- Glidden Steel DE, Lattice Towers, and concrete tangents	120	31.24	120	31.24	25.101 (C)(5)(B)	
1017514	Airline - Naval Base TL Addition (T475) (Airline TL Relocation - 1017336)	Nueces	Relocate transmission facilities on (T475) and (T476). The present 69-kV configuration at Airline Substation does not allow for one power bank to serve as a backup for the other during outage.	9/24/2019	9/30/2019	9/30/2019		\$893,000			100	69	138	6.39	(1) 785kcl ACSR/AW "Drake"	Steel Monopole	Centerline; 16	6.39	n/a	n/a	25.101 (C)(5)(D)	
1017515	Airline - Naval Base TL Addition (T476) (Airline TL Relocation - 1017336)	Nueces	Relocate transmission facilities on (T475) and (T476). The present 69-kV configuration at Airline Substation does not allow for one power bank to serve as a backup for the other during outage.	3/28/2019	4/16/2019	4/16/2019		\$331,000	\$119,480	-64%	100	69	138	7.98	(1) 785 kcl ACSR/AW "Drake"	Steel Monopole	Centerline	7.98	n/a	n/a	25.101 (C)(5)(D)	
1018756	Heines - Naval Base TL Addition (T685) (Heines Substation Addition - 1018743)	Nueces	Provide metering facilities. Provide transmission service to a load-serving substation. Provide real-time monitoring facilities at the Heines Substation. (Once Heines Substation Addition is complete, the transmission assets on (T476) will be renumbered to T685 Heines - Naval Base)	10/9/2018	5/7/2020	5/7/2020		\$894,000	\$717,789	-20%	100	69	138	5.30	(1) 795 kcl ACSR/AW "Drake"	Steel Monopole	Centerline	5.3	n/a	n/a	25.101 (C)(5)(A)	
1018755	Airline - Heines TL Addition (T476) (Heines Substation Addition - 1018743)	Nueces	Provide metering facilities. Provide transmission service to a load-serving substation. Provide real-time monitoring facilities at the Heines Substation.	10/11/2018	5/7/2020	5/7/2020		\$894,000	\$717,789	-28%	100	69	138	2.57	(1) 785 kcl ACSR/AW "Drake"	Steel Monopole	Centerline	2.57	n/a	n/a	25.101 (C)(5)(A)	
1018863	Rio Pecos - Horse Crossing TL Addition (T682) (Horse Cross - Rio Pecos TL Add - 1018860)	Crane	Provide transmission service to a generator. (This circuit will be added to the open position on the structures on the existing (T451) Rio Pecos - Crane, after the project is complete the transmission line will be numbered T682 Rio Pecos - Horse Crossing.)	1/8/2021	5/28/2021	6/1/2021		\$1,871,000			100	0	138	0.76	(2) 795 ACSR Drake	Steel/Concrete Monopoles	80, Centerline	0.76	n/a	n/a	25.101 (C)(5)(C)	
1019260	Winchester - Salem T170 TL Addition (T170) (Winchester Autotransformer Addition - 1017413)	Fayette	Install new autotransformer capacity, add new structures Winchester Substation	10/1/2018	3/25/2020	3/25/2020		\$2,287,000	\$772,567	-68%	100	138	138	37.28	(1) 785 kcl ACSR/AW "Drake"	H-Frames, Steel Poles, & Lattice Towers	100, Centerline	37.18	n/a	n/a	25.101 (C)(5)(A)	
1017777	Winchester - Fayetteville TL Addition (T165) (Winchester Autotransformer Addition - 1017413)	Fayette	Install new autotransformer capacity, add new structures Winchester Substation	10/1/2018	3/26/2020	3/26/2020		\$2,535,000	\$998,438	-61%	100	138	138	18.92	(1) 795 kcl ACSR/AW "Drake"	H-Frames, Steel Poles, & Lattice Towers	100, Centerline	18.75	n/a	n/a	25.101 (C)(5)(A)	
1018038	Plum - La Grange TL Addition (T208) (Riverside Circuit Breaker Addition - 1018925)	Fayette	Increase the reliability of substation equipment at the Riverside Substation.	1/29/2019	12/30/2020	10/20/2020		\$1,873,000	\$1,874,109	0%	100	138	138	8.39	795 ACSR GA2 Drake; 3/8 EHS, OPGW	Wood H-frame	Undefined Centerline	5.58	Undefined Centerline	5.58	25.101 (C)(5)(B)	
1016702	Altair - Nada TL Addition (T545) (Glidden Area TL Upgrade - 1016219)	Colorado	OPOW (fiber) installation (T545) and Substation upgrade at Nada and Altair substations from 69kV to 138kV	12/9/2018	5/31/2019	5/31/2019		\$7,068,000			100	69	138	14.12	795 Drake ACSR & 2B/7 & Single	Steel, Wood, & Lattice	Blanket	14.12	Blanket	14.1	25.101 (C)(5)(B)	
1019321	Lakeway - Marshall Ford T178 Addition (T178) (Lakeway AE Marshall Ford TL SH - 1019096)	Travis	Increase the reliability of circuit (T178) on the Lakeway (AE) -- Marshall Ford 2.4 le 138 kV transmission line.	1/25/2019	6/21/2019	6/21/2019		\$3,172,000	\$2,103,161	-34%	100	138	138	2.4	(6x1) 795 ACSR "Drake"	Steel Towers	100	2.4	n/a	n/a	25.101 (C)(5)(B)	
1019603	Lakeway - Marshall Ford Fiber Addition (T179) (LCRA Fiber Backbone FY 19 Telecom Upgrade - 1018094)	Travis	Install 2.42 miles of 72-count OPGW from Lakeway (AE) to Marshall Ford (T178)	2/13/2019	6/21/2019	6/21/2019		\$848,000	\$511,086	-21%	100	138	138	2.4	(6x1) 795 ACSR "Drake"	Steel Towers	100	2.4	n/a	n/a	25.101 (C)(5)(B)	
1019317	Rockport - Fulton T474 TL Addition (T474) Hurricane Response System Upgrade - 1018095	Nueces, Aransas	Increase reliability, repair storm damage, & upgrade circuit (T477) on the N Padre Tap-Port Aransas 18.23-le 69-kV TL and circuit (T474) on the Fulton-Rockport 138-kV 7.36-le 69-kV TL	2/7/2019	9/23/2019	9/23/2019		\$3,836,000	\$3,832,642	0%	100	69	69	7.4	(1x) 795 ACSR/AW Drake	Steel Monopole, Concrete Monopole	Unknown (AEP-owned)	-	-	-	25.101 (C)(5)(B)	
1017557	Deer Creek - Luling TL Addition (T538) (Dart Creek Circuit Breaker Addition - 1017352)	Guadalupe	Add four 138-kV, 3000A, 40kAIC circuit breakers in a ring bus configuration to Dart Creek substation	2/22/2019	5/23/2019	5/23/2019		\$1,104,000	\$1,128,091	2%	100	69	69	15.84	Drake 795 ACSR, Single	Concrete & Steel	Blanket	15.84	Blanket	15.84	25.101 (C)(5)(B)	
1019133	Rim Rock - Turtle Creek TL Addition (T270) (Rim Rock - Turtle Creek TL Storm Hardening - 1018968)	Kerr	Increase the reliability of circuit (T270) on the Rim Rock - Turtle Creek 7.6 le 138kV transmission line	9/16/2020	5/5/2021	5/5/2021		\$11,350,000	\$11,308,632	0%	100	138	138	7.6	(1x) 795 ACSR Drake	Steel Monopole	60, 100	7.6	60, 100	7.6	25.101 (C)(5)(B)	

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101859	Bakersfield - Solstice TL Addition (CCN)	Pecos	Construct a new 345-kV transmission line to connect LCRA TSC's existing Bakersfield station and AEP Texas' Solstice Switch Station	1/7/2020	12/17/2020	12/17/2020	T-line \$148 - \$192M; Bakersfield Substation - \$6M; Solstice Switch Station (AEP) - \$38M				100	0	345	130-190	1926.8 kcl ACSS/Cumberland (LCRA TSC) and 1590 ACSS (AEP Texas)	Double-circuit steel lattice towers	0	0	150	68 - 92	48787	5/29/19 PUC Approved Route 24; approved route cost estimate in CCN application for transmission line \$155.9M; LCRA TSC's Bakersfield substation \$8.5M; AEP's
1017897	Culberson - Kunitz TL Addition (T271) (Culberson-Kunitz Overhaul - 1017896)	Culberson	Structure replacement upgrades to steel and concrete Poles	5/28/2019	6/1/2020	6/1/2020		\$2,015,000			100	138	138	28.88	Linnet, 336kict, 0.721"	Wood	100	28.88	n/a	n/a	25.101 (C)(5)(B)	
1019319	N. Padre Tap - Port A. (T-477) (Hurricane Response System Upgrade - 1019085)	Nueces	Increase the reliability, repair storm damage, and upgrade circuit (T477) on the North Padre Tap - Port Aransas 18.23-le 69-kV transmission line and circuit (T474) on the Fulton - Rockport 138-kV 7.36-le 69-kV transmission line.	10/14/2019	12/20/2019	12/27/2019		\$3,748,000	\$3,823,860	-3%	100	69	69	15	795 ACSS/AW Drake x1	Steel monopole, Concrete Monopole, Hybrid Steel/Concrete	(AEP-owned)	n/a	n/a	n/a	25.101 (C)(5)(B)	
1019337	Elroy - Wolf Lane (T-582) (LCRA TSC FIBER BUILD OUT FY18 - 1019097)	Travis	Increase the reliability and capability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment.	3/18/2019	5/13/2019	5/13/2019		\$2,078,000	\$2,078,325	0%	100	138	138	3.78	795 Drake ACSR GA2	Wood H-frame, LD Steel H-frame, Steel Pole, Tower	100	3.78	n/a	n/a	25.101 (C)(5)(B)	
1020280	Red Creek - Amos Creek TL Addition (T424) (Amos Creek Substation Addition - 1020230)	Concho	Transmission line cut-in to provide transmission service to a generator.	9/3/2019	3/12/2020	3/12/2020		\$2,630,000	\$2,577,184	-2%	100	345	345	49	1590 ACSR Falcon x2	Steel Lattice tower	100	49	n/a	n/a	25.101 (C)(5)(B)	
1019327	Austrop - Garfield (T182) (LCRA TSC FIBER BUILD OUT FY19 - 1019097)	Travis	Increase the reliability and capability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment.	4/15/2019	11/22/2019	11/27/2019		\$4,182,000	\$4,182,363	0%	100	345	345	8.33	Bundled 795 ACSR "Drake"	Lattice Tower	170, Centerline	8.33	n/a	n/a	25.101 (C)(5)(B)	
1019374	Marshall Ford - McNeil T181 TL Addition (T181) (Marshall Ford-McNeil TL Relocation - 1019212)	Travis	Increase transmission service reliability to the Austin Energy Hamilton Substation.	5/1/2019	6/12/2019	6/12/2019		\$1,893,000	\$1,782,304	-6%	100	69	69	13.4	4/0 & 795 kcl ACSR	Lattice Towers & Steel Poles	100	13.4	n/a	n/a	25.101 (C)(5)(B)	
1021300	Granite Mountain - Marble Falls TL Upgrade (Marble Falls Double Circuit TL Upgrade - 1020559)	Burnet	Increase the reliability of transmission facilities on the T195 Granite Mountain - Marble Falls 4.1-le 138-kV transmission line	11/1/2019	4/3/2020	4/3/2020		\$4,204,000	\$4,158,210	-1%	100	138	138	4.08	Single 795 26/7 ACSR Drake	Lattice Towers & Steel Poles	Vanes 80; 100	4.08	n/a	n/a	25.101 (C)(5)(B)	
1016578	Fair Oaks Ranch - Esperanza TL Addition (T503) (Esperanza Substation Addition - 1016187)	Kendall	LCRA TSC will build a 138kV substation and cut-in T503 to provide transmission/ metering services and real-time monitoring facilities	9/6/2019	10/25/2019	10/25/2019		\$1,179,000	\$1,022,923	-13%	100	138	138	8.25	Single 795 kcl ACSR	Steel Poles	100	8.11	80	8.25	25.101 (C)(5)(B)	
1019301	Kendall - Comfort T243 TL Addition (T243) (BoerneCicoComfmlKendall TL Upgrade - 1018088)	Kendall	Increase capacity and reliability of the transmission facilities of the Boerne Cico - Comfort 17-le 138kV transmission circuit (T148) and the Comfort - Kendall 1.1-le 138-kV transmission circuit (T243).	10/21/2019	2/3/2020	1/31/2020		\$2,658,000	\$2,475,056	-7%	100	138	138	1.08	Bundled 959.8 SUWANNEE ACSS/TW	Steel Single Poles/ Tower/ Steel H-frame	100	1.08	n/a	n/a	25.101 (C)(5)(B)	
1019303	BoerneCico - Comfort T148 TL Addition (T148) (BoerneCicoComfmlKendall TL Upgrade - 1018088)	Kendall	Increase capacity and reliability of the transmission facilities of the Boerne Cico - Comfort 17-le 138kV transmission circuit (T148) and the Comfort - Kendall 1.1-le 138-kV transmission circuit (T243).	9/3/2019	5/11/2020	5/11/2020		\$8,237,000	\$7,757,525	-6%	100	138	138	16.93	Bundled 795 DRAKE ACSR	Steel Single Poles	100	16.93	n/a	n/a	25.101 (C)(5)(B)	
1018934	Fayetteville - Winchester TL Upgrade (T165) (Fayetteville-Winchester TL Upgrade - 1018833)	Fayette	Increase capacity and capability of circuit T165 on the Fayetteville - Winchester 138-kV upgrade	9/1/2019	3/23/2020	3/23/2020		\$15,240,000	\$14,476,090	-5%	100	138	138	18.9	1433 kcl ACSS/TW Merrimack	steel monopoles	100	18.9	n/a	n/a	25.101 (C)(5)(B)	
1019122	Giddings - Lyle Wolz TL Addition (T155) (Lexington CB Addition - 1018914)	Lee	Add two new structures to accommodate substation expansion. Increase transmission service reliability to the Lexington Substation.	8/12/2019	10/1/2019	10/1/2019		\$360,000	\$398,105	11%	100	138	138	21	795 A5CR	steel monopoles	100	21	n/a	n/a	25.101 (C)(5)(B)	
1017384	Mountain Home TL Addition (CCN)	Kerr, Gillespie	Construct a new 138-kV transmission line to provide a transmission point of interconnection to a new load-serving substation.	9/27/2021	12/27/2022		T-line \$46.5 - \$58.5M; Substation \$7.1 - \$7.5M				55	0	138	21-29	795 Kcl 26/7 ACSR "Drake"	tbd, steel or concrete poles	0	0	vanes; 100	21-28	48523	7/6/20 - PUC Approved Route Hunt 37A; approved route cost estimate in CCN application for transmission line \$47M; substation \$7.3M
1019026	Fayetteville - Glidden TL Addition (T176) (Fayette Area TL Upgrades - 1015913)	Fayette, Colorado	Increase the capacity of the Fayetteville to Glidden 138-kV transmission circuit (T176)	9/16/2019	5/14/2020	5/14/2020		\$14,488,000	\$14,495,702	0%	100	138	138	20.02	Single 959.6 ACSS/TW Suwannee & Single OPGW (APL DMC-11243) Static	Steel Monopoles, Hybrid H-Frames	100	20	n/a	n/a	25.101 (C)(5)(B)	
1020270	Amos Creek - Bow Wood TL Addition (T708) (Amos Creek Substation Addition - 1020230)	Concho, Tom Green	Provide transmission service to a generator	9/3/2019	3/12/2020	3/12/2020		\$335,000	\$217,547	-35%	100	138	138	49.33	(2x) - 1580 kcl ACSR Falcon	Steel Lattice, Steel monopole	160	49.33	n/a	n/a	25.101 (C)(5)(B)	
1019325	McNeil - Gililand Creek (T147) (LCRA TSC FIBER BUILD OUT FY18 - 1019097)	Travis	Increase the reliability and capability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment.	1/20/2020	3/31/2020	3/31/2020		\$1,889,000	\$1,886,727	0%	100	138	138	7.62	1433.8 ACSS/TW "MERRIMACK" / Single	Steel Monopoles & Tower	100	7.62	n/a	n/a	25.101 (C)(5)(B)	

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1019341	Paige - Winchester TL Addition (T815) [LCRA TSC FIBER BUILD OUT FY18 - 1019097]	Bastrop	Increase the reliability and capability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment.	9/23/2019	12/18/2019	5/14/2020		\$3,339,000	\$3,289,875	-1%	100	138	138	14.85	Bundled Linnet and Single Drake	Steel Mono Pole, Wood H-Frames, Concrete # Poles	100	14.85	n/a	n/a	25.101 (C)(5)(B)	
1019335	Wells Branch - Round Rock (T527) [LCRA TSC FIBER BUILD OUT FY18 - 1019097]	Travis, Williamson	Increase the reliability and capability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment.	9/16/2019	11/1/2019	11/1/2019		\$1,555,000	\$1,582,278	2%	100	138	138	5.28	(2) 795 KCL ACSR/GA2 "DRAKE"	Steel/concrete Pole, Concrete H-Frame	100	5.28	n/a	n/a	25.101 (C)(5)(B)	
1017767	Sim Gideon - Winchester TL Addition (T152) [Winchester Autotransformer Additions - 1017413]	Bastrop	Install a new autotransformer capacity, add new structures Winchester Substation.	9/1/2019	4/27/2020	5/14/2020		\$986,000	\$1,227,048	24%	100	138	138	20.74	Single 795 2B/7 ACSR Drake	Lattice Towers & Steel Poles	Varies (75, 100)	20.74	Varies (75, 100)	20.84	25.101 (C)(5)(B)	
1017769	Smithville - Winchester TL Addition (T175) [Winchester Autotransformer Additions - 1017413]	Bastrop	Install a new autotransformer capacity, add new structures Winchester Substation.	9/1/2019	4/27/2020	5/14/2020		\$737,000	\$728,560	-1%	100	138	138	15.10	Single 795 2B/7 ACSR Drake	Lattice Towers & Steel Poles	Varies (80, 100)	15.1	Varies (80, 100, Aerials to 180)	14.7	25.101 (C)(5)(B)	
1017771	Winchester - Pinay Creek TL Addition (T186) [Winchester Autotransformer Additions - 1017413]	Fayette	Install a new autotransformer capacity, add new structures Winchester Substation.	9/1/2019	3/18/2020	5/14/2020		\$709,000	\$114,465	-94%	100	138	138	1.38	Single 1439 6 54/19 ACSR/TW Merimack/TW	Lattice Towers & Steel Poles	100	1.38	100	1.59	25.101 (C)(5)(B)	
1017773	Winchester - Giddings TL Addition (T222) [Winchester Autotransformer Addition - 1017413]	Bastrop	Install new autotransformer capacity, add new structures Winchester Substation.	9/1/2019	3/17/2020	5/14/2020		\$837,000	\$822,921	-26%	100	138	138	10.51	Single 795 2B/7 ACSR Drake	Lattice Towers & Steel Poles	Varies 75, 100	10.51	Varies 75, 100	10.88	25.101 (C)(5)(B)	
1017775	Paige - Winchester TL Addition (T815) [Winchester Autotransformer Additions - 1017413]	Lee	Install a new autotransformer capacity, add new structures Winchester Substation.	9/1/2019	4/27/2020	5/14/2020		\$850,000	\$769,874	-9%	100	138	138	14.83	Single 795 2B/7 ACSR Drake	Lattice Towers & Steel Poles	100, Centerline	14.83	100, Centerline	15.09	25.101 (C)(5)(B)	
1018759	Crane - Rio Pecos TL Addition (T451) [Castle Mountain Substation Addition - 1018744]	Upton, Crane	Cut-in T451 to a new substation, Provide transmission service (new Castle Mountain substation) for Solar Prime LLC.	9/5/2019	3/27/2020	5/14/2020		\$463,000	\$365,016	-21%	100	138	138	0.4	Bundled 795 ACSR Drake, Single 3/8 EHS Static & Single DNO-11243 OPGW	Steel Monopole Dead End	n/a	n/a	n/a	n/a	25.101 (C)(5)(B)	
1017649	LaGrange - FPP 138kV TL Addition (T263) [FPP 138kV - La Grange TL Overhaul - 1017648]	Fayette	Increase the reliability and capability of circuit T263 on the FPP 138kV - La Grange 7.9-le 138-kV transmission line.	1/2/2020	5/15/2020	5/15/2020		\$4,096,000	\$3,786,436	-8%	100	138	138	7.89	Single 795 ACSR Drake & 2 OPGW (AFLDNO-11243) & (ALCOA 52 OPT-GW)	Steel Monopole Dead Ends, Wooden H-Frame Tangents	100	7.8	n/a	n/a	25.101 (C)(5)(B)	
1019333	Round Rock - Chief Brady (T378) [LCRA TSC FIBER BUILD OUT FY18 - 1019097]	Williamson	Increase the reliability and capability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment.	11/1/2019	11/18/2019	11/18/2019		\$1,174,000	\$1,181,058	1%	100	138	138	1.2	(1) 795 ACSR/GA2 "Drake"; RR AF to #55B has (2) 959 ACSR/TW HS "Suwannee"	steel H-frame, steel lattice	100, Centerline	1.2	n/a	n/a	25.101 (C)(5)(B)	
1019329	Chief Brady - Georgetown (T365) [LCRA TSC FIBER BUILD OUT FY18 - 1019097]	Williamson	Increase the reliability and capability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment.	12/16/2019	3/2/2020	3/2/2020		\$2,468,000	\$2,468,757	0%	100	138	138	3.17	(1) 795 ACSR/GA2 "Drake"	Steel Lattice and pole, Steel H-Frame	100	3.0	n/a	n/a	25.101 (C)(5)(B)	
1019339	Georgetown - Rivery (T597) [LCRA TSC FIBER BUILD OUT FY18 - 1019097]	Williamson	Increase the reliability and capability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment.	1/31/2020	11/30/2020	11/18/2020		\$2,591,000	\$2,497,009	-4%	100	138	138	5.1	(1) 795 ACSR/GA2 "Drake"	steel H-frame, concrete pole, steel pole	50 Centerline, blanket	5.10	n/a	n/a	25.101 (C)(5)(B)	
1021975	Altair - Glidden TL Addition (T544) [Kleimann (Columbus) CB Addition - 1018910]	Upton, Crockett	Increase reliability of transmission facilities on the T544 Glidden-Altair 12.22-le 69-kV TL.	11/18/2019	2/10/2020	5/14/2020		\$1,365,000	\$911,939	-55%	100	69	138	3.33	795 ACSR Drake, single	Steel & Concrete monopoles	80, Blanket	12.41	80, Blanket	n/a	25.101 (C)(5)(B)	
1017538	Goforth-Turnersville TL Addition (T272) [Crosswinds Substation Addition-1017348]	Hays	Acquire 7.5 acres and expand new LCRA TSC facilities with a three-ring bus configuration.	3/10/2020	5/14/2020	5/14/2020		\$1,038,000	\$290,673	-72%	100	138	138	3.77	795 ACSR Drake, single	Lattice, Wood H-frame, Steel monopole	100	6.69	100	3.77	25.101 (C)(5)(B)	
1017540	Crosswinds-Goforth TL Addition (T661) [Crosswinds Substation Addition-1017348]	Hays	Acquire 7.5 acres and expand new LCRA TSC facilities with a three-ring bus configuration.	3/10/2020	5/14/2020	5/14/2020		\$10,000	\$65,038	750%	100	138	138	3.31	795 ACSR Drake, single	Wood H-frame, Steel monopole	100	n/a	100	n/a	25.101 (C)(5)(B)	
1014015	Camp Wood - Leakey TL Addition (T269) [Camp Wood - Leakey TL Overhaul - 1016183]	Real	Increase the reliability of transmission facilities on the T269 Camp Wood-Leakey 17.3 le 69-kV transmission line and upgrade the line to 795 ACSR Drake conductor (111 MVA at 69-kV), 138-kV capable with an OPGW shield wire.	11/30/2020	6/30/2021	6/30/2021		\$43,428,000			100	69	138	17.32	Single 795 ACSR Drake	Steel & Lattice	Varies, 60	17.32	n/a	n/a	25.101 (C)(5)(B)	
1019114	Zom - Pooley Rd TL Addition (T158) [Luling-Zom TL Overhaul - 1019113]	Guadalupe	Increase the reliability of transmission facilities on the T373 Schulenburg - Glidden 20.25-	2/3/2020	9/31/2021	5/6/2021		\$7,228,000			100	138	138	28.02	795 ACSR Drake	Concrete and Steel poles	100	28.02	n/a	28.02	25.101 (C)(5)(B)	

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1020454	Harris Branch - McNeil TL Relocation/Addition (T146) [Harris Branch - McNeil TL Relocation - 1020379]	Travis	Provide transmission service reliability improvements	2/20/2020	5/7/2020	5/7/2020		\$1,408,000	\$1,342,128	-5%	100	138	138	6.87	795 ACSR Drake	Steel Lattice Tower and Monopole	100	6.87	100'	n/a	25.101 (C)(5)(B)	
1022277	Roma - Rio Grande City TL Addition (T465) [Escobares Substation Addition - 1022173]	Starr	Provide transmission service to a load-serving substation. Provide real-time monitoring facilities at the Escobares Substation. Provide a transmission point of interconnection.	10/19/2020	2/4/2021	2/4/2021		\$2,327,000	\$1,603,862	-31%	100	138kV	138kV	13.7	(1) Drake ACSR	Steel Monopoles	Varies 50, 80	12.7	Varies 40-100	0.5	25.101 (C)(5)(B)	
1022830	Giddings - Warda TL Addition (T137) [Giddings-Warda TL Upgrade - 1022731]	Fayette, Lee	Increase the reliability of transmission facilities on the T137 Giddings - Warda 9 66-le 69-kV transmission line by converting the line to 138-kV operation and increasing the transmission capacity.	4/1/2020	10/19/2020	10/18/2020		\$12,383,000			100	0kv (De-energized)	138kv	9.66	(1) 959.6 ACSS "Savannah"	Steel and Concrete Monopoles	100	9.66	100	n/a	25.101 (C)(5)(B)	
1020552	Burnet - Lampasas TL Addition (T219) [Burnet-Lampasas TL Overhaul - 1020371]	Burnet, Lampasas	Increase the reliability of transmission facilities on the T219 Burnet - Lampasas 23.4-le 138-kV transmission line.	3/15/2020	10/1/2021	5/11/2021		\$19,159,000			100	138	138	23.3	Single 795 ACSR Drake	Wood H-frames	Centerline	23.3	Centerline	n/a	25.101 (C)(5)(B)	
1019285	T271 TL Addition (T271) [Pinnacle Substation Addition - 1019007]	Culberson	LCRA TSC will build a new substation (Pinnacle) adjacent to T271 to interconnect the new 198.3 MW solar generation facility. Replace transmission structures to allow for substation cut-in and upgraded conductor and OPGW.	1/29/2020	10/14/2020	10/14/2020		\$10,800,000			100	69	138	18.1	Single 1433 ACSS/TW Merrimack	Steel monopole	100	18.1	100	n/a	25.101 (C)(5)(B)	
1017435	Elgin SW - Gilleland Creek TL Addition (T421) [Jimero Substation Addition - 1017433]	Travis, Williamson	Provide transmission service to generator.	4/6/2020	4/30/2021	2/26/2021		\$853,000	\$464,065	-46%	100	138	138	12.9	(1) per phase Merrimack ACSS	Steel Dead-end Monopole	100	12.9	N/A	NA	25.101 (C)(5)(B)	
1016898	Glidden - Altair TL Addition (T544) [Glidden Area TL Upgrade - 1016219]	Colorado	Increase the capacity and reliability of transmission facilities on the Glidden-Altair 12.2 le 69-kV transmission line (T544) and the Altair-Nada 14.12 le 69-kV transmission line (T545).	9/19/2021	9/13/2021	9/13/2021		\$856,000			100	138	138	12.2	795 ACSR Drake	Steel & Concrete	80	12.2	80	12.3	25.101 (C)(5)(B)	
1016491	Cushman - Hwy 123 TL Addition (T572) [Meadow Lake Substation Addition - 1016198]	Guadalupe	Provide transmission service along with metering and real-time monitoring facilities for GVEC's new Meadow Lake Substation. Replace structure #10 with two large angle dead end structures to route T572 into and out of the new LCRA/GVEC owned Meadow Lake.	8/17/2020	12/21/2020	12/19/2020		\$658,000	\$229,904	-85%	100	138	138	6.48	Single 795 ACSR Drake	Steel Monopole	80	6.48	n/a	n/a	25.101 (C)(5)(B)	
1023877	Asherton - Bevo TL Addition (T603) [Asherton - Bevo TL Relocation - 1022862]	Dimmit	Relocate dead-end structure #1 on the T603 Bevo to Asherton 138-kV transmission line to outside of the AEP-owned Asherton Substation. Re-route and re-terminate T603 to a new point-of-interconnection (POI) structure owned by AEP and installed by AEP outside of the Asherton Substation.	2/7/2022	4/1/2022	4/1/2022		\$447,000			100	138	138	8.05	(1) 785 Drake ACSR	Steel monopoles	AEP owned	AEP owned	AEP owned	AEP owned	25.101 (C)(5)(B)	
1016493	Cushman - Meadow Lake TL Addition (T647) [Meadow Lake Substation Add - 1016198]	Guadalupe	Provide transmission service along with metering and real-time monitoring facilities for GVEC's new Meadow Lake Substation.	9/17/2020	12/21/2020	12/18/2020		\$643,000	\$907,989	41%	100	138	138	3.6	Single 795 ACSR Drake	Steel monopole	80	3.6	n/a	n/a	25.101 (C)(5)(B)	
1020445	HiCross - Turner TL Addition (T143) [HiCross-Turner TL Storm Harden-1020386]	Travis, Hays	Increase the reliability of transmission facilities on the T143 Hi Cross - Turnersville 8.8-le 138-kV transmission line.	6/3/2020	4/6/2021	4/6/2021		\$5,618,000			100	138	138	7.9	bundled 795 ACSR Drake	Concrete and Steel monopoles	100	7.9	n/a	n/a	25.101 (C)(5)(B)	
1022213	Hi-Cross - Turnersville TL Addition (T143) [LCRA Fiber Backbone FY20 - 1021196]	Travis, Hays	Increase the reliability of the fiber network by replacing deteriorated OPGW and All-Dielectric Self-Supporting (ADSS) fiber to improve telecommunications system reliability.	11/6/2020	4/6/2021	4/6/2021		\$1,065,000	\$329,191	-69%	100	138	138	7.9	bundled 795 ACSR Drake	Concrete and Steel monopoles	100	7.9	n/a	n/a	25.101 (C)(5)(B)	
1019265	Fayetteville - Belleville S TL Addition (T216) [New Bremen CB Add - 1018619]	Austin, Colorado, Fayette	Increase the reliability of transmission facilities on the T216 Fayetteville - Belleville South 28.19-le 138-kV transmission Line	5/3/2021	5/6/2021	5/6/2021		\$416,000	\$311,675	-25%	100	138	138	0.5	1433.6 ACSS MERRIMACK	Steel Pole	100	0.05	n/a	n/a	25.101 (C)(5)(B)	
1021775	Twin Buttes - Brown (T551) TL Addition [Amos Creek Circuit Breaker Addition - 1021517]	Tom Green, Concho	Cut-in T551 to existing substation to provide transmission services to a generator	10/7/2020	11/24/2020	11/19/2020		\$1,147,000	\$313,190	-73%	100	345	345	88.3	1590 ACSR Falcon Bundled	Steel Pole	160	88.3	n/a	n/a	25.101 (C)(5)(B)	
1023668	Gabriel - Glascock TL Addition (T359) [Gabriel Substation Upgrade - 1020410]	Williamson	LCRA TSC will upgrade the configuration of 138-kV from Single Bus/Single Breaker to the breaker and a half bus configuration and replace five existing CBs at Gabriel Substation.	5/19/2021	5/13/2022	5/13/2022		\$361,000			100	138	138	6.59	Single 795 ACSR Drake	Steel Pole	80	6.59	n/a	n/a	25.101 (C)(5)(B)	
1021178	Gabriel - Jamel TL Addition (T224) [Gabriel Substation Upgrade - 1020410]	Williamson	Upgrade the configuration of 138-kV from Single Bus/Single Breaker to the breaker and a half bus configuration and replace five existing CBs at Gabriel Substation.	9/17/2020	5/13/2022	5/13/2022		\$1,083,000			100	138	138	1.26	Single 795 ACSR Drake	Steel Pole	80	1.26	n/a	n/a	25.101 (C)(5)(B)	
1021174	Gabriel - Georgetown East TL Addition (T223) [Gabriel Substation Upgrade - 1020410]	Williamson	Upgrade the configuration of 138-kV from Single Bus/Single Breaker to the breaker and a half bus configuration and replace five existing CBs at Gabriel Substation.	9/17/2020	5/13/2022	5/13/2022		\$1,083,000			100	138	138	1.26	Single 795 ACSR Drake	Steel Pole	80	1.26	n/a	n/a	25.101 (C)(5)(B)	

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1023867	Gabriel - Rivery TL Addition (T457) [Gabriel Substation Upgrade - 1020410]	Williamson	Upgrade the configuration of 138-kV from Single Bus/Single Breaker to the breaker and a half bus configuration and replace five existing CBs at Gabriel Substation	5/19/2021	5/13/2022	5/13/2022		\$361,000			100	138	138	2.43	Bundled 795 ACSR Drake	Steel Pole	Varies	2.43	n/a	n/a	25.101 (C)(5)(B)	
1023866	Fairland - Lago Vista TL Addition (T414) [Transmission Connector Shunt NORTH - FY 2020 System Upgrade - 1023813]	Burnet, Travis	Improve the reliability of transmission facilities by installing transmission connector shunts on the 12.8-le Coronado-Fairland, 5-le Lakeway-Marshall Ford and 21.4-le Fairland-Lago Vista 138-kV transmission lines.	6/23/2020	7/28/2020	7/21/2020		\$866,000	\$655,709	-17%	100	138	138	21	795 Conder ACSR 795 Drake ACSR	Lattice Towers	100	21	n/a	n/a	25.101 (C)(5)(B)	
1023867	Coronado - Fairland TL Addition (T110) [Transmission Connector Shunt NORTH - FY 2020 System Upgrade - 1023813]	Burnet, Llano	Improve the reliability of transmission facilities by installing transmission connector shunts on the 12.8-le Coronado-Fairland, 5-le Lakeway-Marshall Ford and 21.4-le Fairland-Lago Vista 138-kV transmission lines.	6/1/2020	11/5/2020	6/12/2020		\$415,000	\$258,375	-38%	100	138	138	12.4	Single 795 ACSR/SD Condor and Single 795 ACSR Drake	Lattice Towers	100	12.4	n/a	n/a	25.101 (C)(5)(B)	
1023949	Fayetteville - Salem TL Addition (T177) [Transmission Connector Shunt EAST - FY 2020 System Upgrade - 1023812]	Austin, Washington, Fayette	Improve the reliability of transmission facilities by installing transmission connector shunts on the 19.3-le double circuit consisting of FPP Yard #1-Salem 345-kV and Fayetteville-Salem 138-kV transmission lines.	9/14/2020	9/17/2020	9/17/2020		\$246,000	\$172,468	-30%	100	138	138	19.32	Single 795 ACSR/SD Condor and Single 795 ACSR Drake	Lattice Towers	Varies	19.32	n/a	n/a	25.101 (C)(5)(B)	
1023948	FPP Yard #1 - Salem TL Addition (T211) [Transmission Connector Shunt EAST - FY 2020 System Upgrade - 1023812]	Austin, Washington, Fayette	Improve the reliability of transmission facilities by installing transmission connector shunts on the 19.3-le double circuit consisting of FPP Yard #1-Salem 345-kV and Fayetteville-Salem 138-kV transmission lines.	9/14/2020	9/17/2020	9/17/2020		\$459,000	\$176,810	-61%	100	345	345	27.43	Single 795 ACSR/SD Condor and Single 795 ACSR Drake	Lattice Towers	Varies	27.43	n/a	n/a	25.101 (C)(5)(B)	
1023801	Lockhart - Luling TL Addition (T184) [transmission Connector Shunt SOUTH - FY 2020 System Upgrade - 1023614]	Caldwell	Improve the reliability of transmission facilities by installing transmission connector shunts on the 16.8-le Lockhart-Luling and 17.1-le Lockhart-Red Rock 138-kV transmission lines.	7/15/2020	8/5/2020	8/5/2020		\$119,000	\$60,866	-32%	100	138	138	16.83	Single 795 ACSR/SD Condor and Single 795 ACSR Drake	Lattice Towers, Wood H-Frames	Varies	16.83	n/a	n/a	25.101 (C)(5)(B)	
1023818	Lockhart - Red Rock TL Addition (T578) [transmission Connector Shunt SOUTH - FY 2020 System Upgrade - 1023814]	Bastrop, Caldwell	Improve the reliability of transmission facilities by installing transmission connector shunts on the 16.8-le Lockhart-Luling and 17.1-le Lockhart-Red Rock 138-kV transmission lines.	7/15/2020	8/6/2020	8/6/2020		\$133,000	\$78,125	-41%	100	138	138	17.11	Single 795 ACSR/SD Condor and Single 795 ACSR Drake	Lattice Towers, Wood H-Frames	Varies	17.11	n/a	n/a	25.101 (C)(5)(B)	
1014165	Goldthwaite - Lampasas TL Addition (T128) [Goldthwaite - Lampasas TL Overhaul - 1015217]	Mills, Hamilton, Lampasas	Increase the reliability of circuits T128 & T672 on the Goldthwaite - Lampasas 49.77-le 138-kV transmission line.	7/1/2020	5/16/2021	5/13/2021		\$4,617,000	\$4,570,208	-1%	100	138	138	23.74	Single 795 Drake ACSR	Steel poles, Steel & Wood Hframes	100, Centerline	23.74	n/a	n/a	25.101 (C)(5)(B)	
1021428	Sherwood Shores - Coronado TL Addition (T835) [Coronado-Sherwood Shores TL SH - 1021211]	Burnet	Increase the reliability of circuit T835 on the Coronado – Sherwood Shores 12.2-le 138-kV transmission line	9/16/2021	5/11/2022	5/11/2022		\$12,145,000			100	138	138	12.15	Single 795 Drake ACSR	Steel Poles/Steel Lattice	Centerline	12.15	n/a	n/a	25.101 (C)(5)(B)	
1020467	Gabriel - Rivery TL Addition (T457) [Gabriel-Rivery TL SH - 1019892]	Williamson	Increase the capacity and reliability of circuit T457 on the Gabriel – Rivery 2.4-le 138-kV transmission line	11/2/2020	7/30/2021	5/15/2021		\$7,622,000	\$6,807,357	-11%	100	138	138	2.43	Bundled 795 Drake ACSR	Steel Poles	40,100	2.4	80, 80,120, 130,150	2.4	25.101 (C)(5)(B)	
1019172	Turtle Creek - Hunt TL Addition (T240) [Turtle Creek Substation Upgrade - 1018970]	Kerr	Increase Reliability to the Turtle Creek substation	9/9/2020	10/6/2020	10/6/2020		\$519,000			100	138	138	0.1	Single 336 ACSR Linnet	Wood poles	n/a	n/a	80 (Temporary)	0.1 (Temporary)	25.101 (C)(5)(B)	
1019170	Turtle Creek - Verde Creek TL Addition (T221) [Turtle Creek Substation Upgrade - 1018970]	Kerr	Increase Reliability to the Turtle Creek substation	9/9/2020	11/14/2020	11/18/2020		\$1,119,000			100	138	138	0.1	Single 336 ACSR Linnet	Wood poles	n/a	n/a	80 (Temporary)	0.1 (Temporary)	25.101 (C)(5)(B)	
1023841	Evant - Lampasas TL Addition (T672) [Goldthwaite-Lampasas TL OH - 1015217]	Lampasas, Coryell	Increase the reliability of circuits T128 & T672 on the Goldthwaite - Lampasas 49.77-le 138-kV transmission line.	7/1/2020	3/15/2021	3/15/2021		\$5,412,000	\$4,840,754	-11%	100	138	138	26.02	Single 795 Drake ACSR	Steel poles, Steel & Wood Hframes	100, Centerline	26.02	n/a	n/a	25.101 (C)(5)(B)	
1024000	Lakeway - Marshall Ford TL Addition (T180) [transmission Connector Shunt North-FY 2020 System Upgrade - 1023813]	Travis	Improve the reliability of transmission facilities by installing transmission connector shunts	7/27/2020	7/28/2020	7/28/2020		\$57,000	\$27,159	-52%	100	138	138	0.27	Single 795 Condor ACSR/SD	Lattice Towers	100	0.27	n/a	n/a	25.101 (C)(5)(B)	
1024054	FPP - Lytton T255 TL Repair Addition [FPP Yard 2 - Lytton Springs transmission Line Upgrade - 1024055]	Fayette	Replace damaged equipment on the T255 FPP Yard #2 – Lytton Springs transmission line and increase the reliability of the line by installing new transmission line structure components and replacing original REDWING conductor with bundled Drake conductor.	4/17/2020	10/23/2020	5/18/2020		\$4,024,000	\$3,861,865	-2%	100	345	345	61.10	Bundled 716.5 Redwing ACSR top phase between structures #30 to #77. Bundled 795 Drake ACSR	Lattice	100	61.10	n/a	n/a	25.101 (C)(4)	
1020874	Fayetteville - Frelsburg TL Addition (T176) [Frelsburg Circuit Breaker Addition 1020378]	Fayette, Colorado	Increase transmission service reliability to the Frelsburg Substation.	8/10/2020	3/3/2021	3/3/2021		\$892,000	\$390,629	-56%	100	138	138	20.06	(1)959.6 ACSS/TW "Suwannee" (1)AFL DNO-11243 (1)36" EHS Steel	Steel monopoles	125, 75 Centerline	20.06	n/a	n/a	25.101 (C)(5)(B)	
1018024	Plum - Flatonia TL Addition (T133) [Fayette Area TL Upgrades - 1018913]	Fayette	Increase the capacity of the Fayetteville to Glidden 138-kV transmission circuit (T1176) and the Flatonia to Plum 138-kV transmission circuit (T1139).	9/8/2020	5/14/2021	5/14/2021		\$10,186,000			100	138	138	19.63	(1)959.6 ACSS/TW "Suwannee" (1)AFL DNO-11242 (1)36" EHS Steel	Single pole and H-Frame (Steel, Wood, Concrete)	100	19.53	n/a	n/a	25.101 (C)(5)(B)	

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1020876	Fayetteville - Mockingbird TL Addition (T714) [Frelsburg Circuit Breaker Addition 1020378]	Fayette, Colorado	Increase transmission service reliability to the Frelsburg Substation.	8/10/2020	3/3/2021	3/3/2021		\$44,000	\$353,765	704%	100	138	138	10.2	(1)959.6 ACSS/TW *Suwannee (1)AFL DNG-11243 (1)3/8" EHS Steel	Steel monopoles	75	10.2	n/a	n/a	25.101 (C)(5)(B)	
1020485	Gabriel - Glasscock TL Addition (T359) [Gabriel - Glasscock TL Storm Hardening - 1019091]	Williamson	Increase the reliability and capability of circuit T359 on the Gabriel - Glasscock 6.6-le 138-kV transmission line.	10/27/2020	4/9/2021	4/7/2021		\$4,412,000	\$3,157,020	-28%	100	138	138	6.59	Single 795 ACSR Drake	Single Steel Monopoles	80	6.59	n/a	n/a	25.101 (C)(5)(B)	
1021444	Paleface - Miller Creek TL Addition (T124) [LCRA TSC Fiber Build-Out FY 2020 Telecommunications Upgrade - 1021212]	Travis, Hays, Blanco,	Increase the reliability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment for circuits T124 and replacing four structures	8/3/2020	8/28/2021	8/30/2021		\$3,784,000			100	138	138	17.00	Single 795 ACSR Drake	Single Steel Monopoles	80	17.00	n/a	n/a	25.101 (C)(5)(B)	
1019283	Bevo - Rosta Creek TL Addition (T463) [Dimmit CB Addition - 1018912]	Maverick, Dimmit	Increase the reliability of transmission facilities on the T463 Rosta Creek - Bevo 47.63-le 138-kV transmission line.	3/2/2021	11/30/2021	11/11/2021		\$1,538,000			100	138	138	36.85	Single 795 ACSR Drake	Steel monopoles	Centerline	36.85	n/a	n/a	25.101 (C)(5)(B)	
1022229	T826 TL Addition [LCRA Fiber Backbone FY20 - 1021196]	Travis	Increase the reliability of the fiber network by replacing deteriorated OPGW and All-Dielectric Self-Supporting (ADSS) fiber to improve telecommunications system reliability.	5/25/2021	5/28/2021	5/28/2021		\$580,000	\$454,559	-22%	100	138	138	0.92	795 ACSR "Drake" 3/8" EHS Steel AFL DNG-11243 AFL ADSS *AC0728C821BE1*	Steel Lattice, H-frame, poles	100	82	n/a	n/a	25.101 (C)(5)(B)	
1023875	Bergheim - Kendall TL Addition (T856) [Transmission Connector Shunt WEST- FY 2020 System Upgrade - 1023811]	Comal, Kendall	Improve the reliability of transmission facilities by installing transmission connector shunts	10/23/2020	12/10/2020	12/10/2020		\$490,000	\$573,265	17%	100	345	345	27.23	Bundled 795 ACSR/SD Conductor	Lattice Tower	100	27.23	n/a	n/a	25.101 (C)(5)(B)	
1023876	Bergheim - Hays Energy TL Addition (T388) [Transmission Connector Shunt WEST- FY 2020 System Upgrade - 1023811]	Comal, Hays	Improve the reliability of transmission facilities by installing transmission connector shunts	11/4/2020	12/15/2020	12/15/2020		\$785,000	\$929,161	21%	100	345	345	34.18	Bundled 795 ACSR/SD Conductor	Lattice Tower	100	34.18	n/a	n/a	25.101 (C)(5)(B)	
1023882	Bergheim - Fair Oaks TL Addition (T238) [Transmission Connector Shunt WEST- FY 2020 System Upgrade - 1023811]	Comal, Kendall	Improve the reliability of transmission facilities by installing transmission connector shunts	10/7/2020	10/7/2020	10/7/2020		\$59,000	\$26,846	-54%	100	138	138	4.08	Single 795 ACSR/SD Conductor	Lattice Tower	100	4.08	n/a	n/a	25.101 (C)(5)(B)	
1023880	Esperanza - Fair Oaks Ranch TL Addition (T503) [Transmission Connector Shunt WEST- FY 2020 System Upgrade - 1023811]	Kendall	Improve the reliability of transmission facilities by installing transmission connector shunts	10/5/2020	12/1/2020	12/1/2020		\$73,000	\$35,408	-51%	100	138	138	4.36	Single 795 ACSR/SD Conductor	Lattice Tower	100	4.36	n/a	n/a	25.101 (C)(5)(B)	
1023877	Kendall - Welfare TL Addition (T584) [Transmission Connector Shunt WEST- FY 2020 System Upgrade - 1023811]	Kendall	Improve the reliability of transmission facilities by installing transmission connector shunts	9/23/2020	11/3/2020	11/3/2020		\$100,000	\$140,008	40%	100	138	138	10.16	Single 795 ACSR/SD Conductor	Lattice Tower	100	10.16	n/a	n/a	25.101 (C)(5)(B)	
1023879	Boerne - Esperanza TL Addition (T857) [Transmission Connector Shunt WEST- FY 2020 System Upgrade - 1023811]	Kendall	Improve the reliability of transmission facilities by installing transmission connector shunts	9/30/2020	10/2/2020	10/2/2020		\$110,000	\$68,760	-21%	100	138	138	3.9	Single 795 ACSR/SD Conductor	Lattice Tower	85	3.9	n/a	n/a	25.101 (C)(5)(B)	
1023878	Boerne - Welfare TL Addition (T228) [Transmission Connector Shunt WEST- FY 2020 System Upgrade - 1023811]	Kendall	Improve the reliability of transmission facilities by installing transmission connector shunts	9/28/2020	9/30/2020	9/30/2020		\$150,000	\$114,961	-23%	100	138	138	9.5	Single 795 ACSR/SD Conductor	Lattice Tower	100	9.5	n/a	n/a	25.101 (C)(5)(B)	
1023986	Highway 46 - River Oaks TL Addition (T518) [Transmission Connector Shunt WEST- FY 2020 System Upgrade - 1023811]	Comal	Improve the reliability of transmission facilities by installing transmission connector shunts	11/4/2020	11/4/2020	11/4/2020		\$100,000	\$83,379	-17%	100	138	138	8.84	Single 795 ACSR/SD Conductor	Lattice Tower	100	8.84	n/a	n/a	25.101 (C)(5)(B)	
1023987	River Oaks - Henne TL Addition (T237) [Transmission Connector Shunt WEST- FY 2020 System Upgrade - 1023811]	Comal	Improve the reliability of transmission facilities by installing transmission connector shunts	10/21/2020	10/22/2020	10/22/2020		\$78,000	\$70,807	-9%	100	138	138	3.79	Single 795 ACSR/SD Conductor	Lattice Tower	100	3.79	n/a	n/a	25.101 (C)(5)(B)	
1023983	Antler - Bergheim TL Addition (T493) [Transmission Connector Shunt WEST- FY 2020 System Upgrade - 1023811]	Comal	Improve the reliability of transmission facilities by installing transmission connector shunts	10/9/2020	11/18/2020	11/18/2020		\$123,000	\$23,888	-81%	100	138	138	7.18	Single 795 ACSR/SD Conductor	Lattice Tower	100	7.18	n/a	n/a	25.101 (C)(5)(B)	
1023985	Antler - Highway 46 TL Addition (T810) [Transmission Connector Shunt WEST- FY 2020 System Upgrade - 1023811]	Comal	Improve the reliability of transmission facilities by installing transmission connector shunts	10/19/2020	11/13/2020	11/13/2020		\$132,000	\$60,536	-54%	100	138	138	10.4	Single 795 ACSR/SD Conductor	Lattice Tower	100	10.4	n/a	n/a	25.101 (C)(5)(B)	
1021481	Brenham - Highway 36 Substation (T488) [LCRA TSC Fiber Build-Out FY 2020 Telecommunications Upgrade - 1021212]	Washington	Increase the reliability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment for circuits T124, T141, T198, T232, T426, and T488.	8/8/2020	11/5/2020	11/5/2020		\$895,000	\$390,368	-56%	100	138	138	2.3	(1)959.6 ACSS Suwannee TW (1)3/8" EHS Steel NEW (1)AFL DNG-11243	Steel/Concrete Single pole & H-Frame	Centerline, 75	2.3	n/a	n/a	25.101 (C)(5)(B)	
1021485	Brenham - Salem TL Addition (T198) [LCRA TSC Fiber Build-Out FY 2020 Telecommunications Upgrade - 1021212]	Washington	Increase the reliability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment for circuits T124, T141, T198, T232, T426, and T488.	9/14/2020	12/17/2020	12/17/2020		\$725,000	\$702,153	-3%	100	138	138	3.18	959.6 kcmil ACSS/TW	Steel H-frame	100	3.18	n/a	n/a	25.101 (C)(5)(B)	
1022278	Pooley Rd - Luling TL Addition (T712) [Luling - Zorn TL Overhaul - 1018113]	Guadalupe, Caldwell	Increase the reliability of transmission facilities on T158	8/17/2020	8/31/2021	5/6/2021		\$3,723,000	\$3,627,356	-3%	100	138	138	28.02	(1) 795 ACSR Drake	Steel & Concrete SC Monopoles	Centerline, 80-100	28.02	n/a	n/a	25.101 (C)(5)(B)	
1024087	Sim Gideon - Bastrop TL Addition (T172) [Sim Gideon - Structure 13 TL Upgrade 1023984]	Bastrop, Travis	Increase the reliability of transmission facilities on the T171 Austrop - Sim Gideon and T172 Bastrop - Sim Gideon 2.6-mile 138-kV double-circuit transmission line by removal and replacement of Structure #4 and Structure #5.	9/21/2020	12/18/2020	12/18/2020		\$568,000	\$396,308	-30%	100	138	138	4.15	(1) 795 ACSR Drake	Lattice Tower	Centerline, 100-125	4.15	n/a	n/a	25.101 (C)(5)(B)	
1024084	Sim Gideon - Austrop TL Addition (T171) [Sim Gideon - Structure 13 TL Upgrade 1023984]	Bastrop, Travis	Increase the reliability of transmission facilities on the T171 Austrop - Sim Gideon and T172 Bastrop - Sim Gideon 2.6-mile 138-kV double-circuit transmission line by removal and replacement of Structure #4 and Structure #5.	9/21/2020	12/18/2020	12/18/2020		\$572,000	\$689,888	21%	100	138	138	15.61	(1) 795 ACSR Drake	Lattice Tower	Centerline, 100-125	15.61	n/a	n/a	25.101 (C)(5)(B)	

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Public Utility Commission of Texas
Project No. 52947

Utility's Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish 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
1023421	Sim Gideon - Austrop T171 TL Addition (T171) [Austrop-Sim Gideon Str 7 TL SH-1024417]	Bastrop, Travis	Reduce the flood risk and potential for damage to substation equipment on T547 Altair - Eagle Lake and T171 Sim Gideon - Austrop transmission lines.	10/26/2020	12/18/2020	12/18/2020		\$254,000	\$203,909	-20%	100	138	138	15.61	(1) 795 ACSR Drake	Lattice Tower	Centerline, 100-125	15.61	n/a	n/a	25.101 (C)(5)(B)	
1024055	Lincoln T731 TL Addition (T731) [Lincoln Substation Upgrade - 1022729]	Lee	Provide transmission service/reactive power support to new load at the Lincoln Substation. LCRA TSA will construct a new 138-kV transmission line from the existing Lincoln Substation to the new point of interconnect at the Enterprise Substation.	9/23/2020	9/25/2020	9/25/2020		\$1,160,000	\$105,533	-91%	100	0	138	0.03	3x1 795 DRAKE ACSR	Concrete Dead-end	n/a	n/a	BBEC Owned within Sub.	BBEC Owned within Sub	25.101 (C)(5)(B)	
1021873	T723 Motoman-Upton TL Addition (T723) [Motoman Substation Addition - 1021552]	Upton, Crane	Construct a 3-breaker ring bus cut in to the existing T441 Crane East to Upton 138-kV transmission line.	2/7/2022	6/9/2022	6/29/2022		\$678,000			100	138	138	17.87	1233 B Yukon ACSS/TW & Single	Concrete Pole	Centerline, 80	17.97	Centerline, 80	n/a	25.101 (C)(5)(A)	
1023798	T441 LCRA Crane-Motoman TL Addition (T441) [Motoman Substation Addition - 1021552]	Upton, Crane	Construct a 3-breaker ring bus cut in to the existing T441 Crane East to Upton 138-kV transmission line.	2/7/2022	6/9/2022	6/29/2022		\$16,000			100	138	138	12.16	1233 B Yukon ACSS/TW & Single	Concrete Pole	Centerline, 80	30.14	Centerline, 80	n/a	25.101 (C)(5)(A)	
1019051	McCarthy Lin-Hilltop T375-TL Addition (T375) [Ranch Road 12 CB Addition - 1018823]	Hays	Increase the reliability of transmission facilities on the T375 McCarthy Lane – Hilltop 10.65-mile 138kV transmission line.	10/26/2020	4/2/2021	4/1/2021		\$1,117,000	\$803,946	-46%	100	138	138	3.96	927.2 Greeley	H-Frame, Steel Pole, Lattice Tower	Varies 85 - 125	85/125	n/a	n/a	25.101 (C)(5)(B)	
1018763	Crane-Rie Pecos TL Addition (T451) [Soda Lake Substation Addition - 1018745]	Crane	Provide transmission service to a generator	4/2/2021	5/14/2021	6/3/2021		\$892,000	\$361,190	-48%	100	138	138	12.24	(2) 795 kcmil ACSR "Drake"	Concrete pole, steel pole	Centerline, 80	12.24	Centerline, 80	n/a	25.101 (C)(5)(A)	
1020471	Eckert - Nebo TL Addition (T126) [Eckert - Nebo TL Overhaul - 1020377]	Gillespie	Increase the reliability of circuit T126 on the Eckert- Nebo 0.7 mile 69 kV transmission line	1/15/2021	4/14/2021	4/14/2021		\$2,198,000	\$1,783,884	-19%	100	69	138	0.7	Single 795 Drake	Steel Tangents H-Frames	100	0.7	n/a	n/a	25.101 (C)(5)(B)	
1023831	Wingarten TL Addition [Wingarten Substation Upgrade - 1022733]	Zavala	Increase transmission service reliability to the Wingarten Substation. Reroute the existing line tap of the La Pryor-Turtle Creek TL from its current configuration to a newly installed AEP owned box structure.	12/14/2020	12/18/2020	12/18/2020		\$600,000			100	69	138	0.05	795 kcmil ACSR (28/7), one conductor/phase	Concrete pole	n/a	n/a	n/a	n/a	25.101 (C)(5)(B)	work within substation
1022221	T635 TL Addition [LCRA Fiber Backbone FY 20 - 1021186]	Burnet, Llano	Increase the reliability of the fiber network by replacing deteriorated OPGW and All-Dielectric Self-Supporting (ADSS) fiber to improve telecommunications system reliability.	9/16/2021	5/6/2022	5/6/2022		\$821,000			100	138	138	12.15	Single 795 ACSR Drake	Steel Monopole	Centerline	12.15	n/a	n/a	25.101 (C)(5)(B)	
1021471	Waller - Chappell Hill TL Addition (T232) [LCRA TSC Fiber Build-Out FY 2020 Telecommunications Upgrade - 1021212]	Washington, Waller	Increase the reliability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment for circuits T124, T141, T198, T232, T426, and T468.	2/1/2021	5/16/2021	5/14/2021		\$1,088,000			100	138	138	15.93	Single 795 ACSR Drake	Wood H-Frame	Varies 75 - 85	15.93	n/a	n/a	25.101 (C)(5)(B)	
1021477	Miller Creek - Mountaintop TL Addition (T426) [LCRA TSC Fiber Build-Out FY 2020 Telecommunications Upgrade - 1021212]	Blanco	Increase the reliability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment for circuits T124, T141, T198, T232, T426, and T468.	9/3/2021	10/14/2021	10/14/2021		\$1,743,000			100	138	138	4.81	(1x) 1433 ACSS/TW Merrimack	Steel Monopole	Centerline 60 - 100	4.81	n/a	n/a	25.101 (C)(5)(B)	
1023406	Warda-Winchester (T170) TL Addition [Warda - Winchester TL Upgrade 1023202]	Fayette	Increase the transmission capacity of T170. Warda – Winchester 138-kV transmission circuit. LCRA TSC will upgrade T170. Warda - Winchester transmission line to a minimum 105 degree F ambient temperature rating of 580 MVA at 138-kV using single 1433 Merr	11/29/2020	5/14/2021	5/14/2021		\$5,053,000			100	138	138	4.11	1-1433 B A CSS/TW/WMA3 "Merrimack"	Steel Pole	100	4.11	n/a	n/a	25.101 (C)(5)(B)	
1023877	Pt Mason-Mason TL Addition (T851) [Fort Mason Circuit Breaker - 1023806]	Mason	Provide transmission service to a generator, Upgrade 138-kV ring bus to accommodate new circuit termination	2/1/2021	4/30/2021	4/30/2021		\$928,000	\$687,208	-37%	100	138	138	035	1-795 ACSR DRAKE	Steel Dead-End Pole	n/a	n/a	100	.018	25.101 (C)(5)(A)	
1023860	Lakeway-Marshall TL Addition (T180) [Lakeway - Marshall Ford TL Upgrade - 1023808]	Travis	Increase the reliability of transmission facilities on the T180 Lakeway – Marshall Ford 0.27-mile 138-kV transmission line by replacing the existing Condor conductor from Marshall Ford Substation structure #1A to structure #1B.	1/11/2021	2/4/2021	2/4/2021		\$954,000	\$589,381	-31%	100	138	138	5	Single 959 ACSS Suwannee conductor (0.27 mile from Marshall Ford Substation to Str. 1A to Str. 1B)	Steel Lattice Towers	100	4.5	n/a	n/a	25.101 (C)(5)(B)	
1021459	Wolf Lane - Wyldwood TL Addition (T141) [LCRA TSC Fiber Build-Out FY 2020 Telecommunications Upgrade - 1021212]	Bastrop	Increase the reliability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment for circuits T124, T141, T198, T232, T426, and T468.	3/1/2021	5/16/2021	5/13/2021		\$1,890,000			100	138	138	5.76	1 x 795 Drake ACSR	steel lattice towers, woodsteel H-frame, steel monopoles	100	5.76	n/a	n/a	25.101 (C)(5)(B)	
1024390	OPGW Addition (T187) 1023373 [Ferguson to Wirtz Fiber Upgrade-1023373]	Burnet, Llano	Increase the reliability of the fiber network by replacing deteriorated Optical Ground Wire (OPGW) from Ferguson to Wirtz to improve telecommunication system reliability.	2/1/2021	5/15/2021	5/7/2021		\$600,000	\$343,842	-43%	100	138	138	9.4	795 Drake ACSR	Lattice Towers	100	9.4	n/a	n/a	25.101 (C)(5)(B)	
1023860	T-187 TL Addition [Ferguson - Wirtz TL Storm Hardening - 1023805]	Burnet, Llano	Increase the reliability of transmission facilities on the T187 Ferguson – Sherwood Shores 9.3-mile 138-kV transmission line from Ferguson Substation to Wirtz Substation.	2/1/2021	5/15/2021	5/7/2021		\$3,575,000			100	138	138	9.4	795 Drake ACSR	Lattice Towers	100	9.4	n/a	n/a	25.101 (C)(5)(B)	
1020882	Ferguson - Sherwood Shores TL Addition Storm Hardening (T187) [Ferguson - Sherwood Shores TL Storm Hardening - 1020881]	Burnet, Llano	Increase the reliability of circuit T187 on the Ferguson – Sherwood Shores 3.5-mile 138-kV transmission line from Sherwood Shores Substation to the Wirtz Split.	1/6/2021	5/17/2021	5/17/2021		\$6,634,000			100	138	138	3.4	795 Drake ACSR	Steel Monopoles	centerline	3.4	n/a	n/a	25.101 (C)(5)(B)	

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Utility's Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish 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
1021982	SherWShores-Wirtz Split TL Addition (T187) [LCRA Fiber Backbone FY 20 - 1021196]	Burnet, Llano	Increase the reliability of the fiber network by replacing deteriorated OPGW and All-Dielectric Self-Supporting (ADSS) fiber to improve telecommunications system reliability.	4/28/2021	5/14/2021	5/14/2021		\$280,000			100	138	138	3.4	795 Drake ACSR	Steel Monopoles	centerline	3.4	n/a	n/a	25.101 (C)(5)(B)	
1024927	G-T255 FPP to Lyton Springs Structure Stress Remediation Add [SA FY 21 TSC-G-T255 Str. Stress - 1024826]	Fayette	Install new dead-end assemblies that will be connected to the cage of structure 46 on the T255 FPP to Lyton Springs transmission line. New dead-end hardware will be required with new conductor for jumpers.	1/25/2021	4/23/2021	4/23/2021		\$243,000			100	345	345	61.08	Top Phase: Bundled (2) 795 Drake ACSR Middle and Bottom Phases: Bundled (2) 715.5 Redwing ACSR	Tower	100'	61.08	n/a	n/a	25.101 (C)(5)(B)	
1024192	Gileland-Silicon Hill TL Addition (T734) [Gileland Creek Circuit Breaker Addition - 1024005]	Travis	Upgrade 138-kV bay to breaker-and-a-half to accommodate new circuit termination.	1/4/2021	8/30/2022			\$389,000			95	138	138	.04	795 ACSR	Steel DE Monopole	80'	n/a	80'	n/a (POI)	25.101 (C)(5)(A)	
1023420	Altair - Eagle Lake TL Addition (T547) Ph. II [Flood Mitigation Phase II - FY 2021 - 1023189]	Colorado	Reduce the flood risk and potential for damage to substation equipment on T547 Altair - Eagle Lake and T171 Sim Gideon - Austrop transmission lines.	2/16/2021	5/7/2021	5/7/2021		\$2,012,000	\$1,620,650	-19%	100	138	138	6.4	795 ACSR	Steel DE 3 Pole / Steel HP	Blanket	6.4	n/a	n/a	25.101 (C)(5)(B)	
1021422	Redwood - McCarty TL Addition (T262) [Rattler Substation Addition - 1020484]	Hays	Provide transmission service to a load-serving substation. Provide metering facilities. Provide real-time monitoring facilities at the Substation.	3/1/2021	5/12/2021	5/12/2021		\$719,000	\$331,840	-54%	100	138	138	2.3	(2) Drake ACSR	steel monopoles, concrete H-frames	50'	2.3	n/a	n/a	25.101 (C)(5)(A)	
1020865	Clearfork-Lockhart TL Addition (T601) [Clear Fork-Lockhart TL CH - 1020864]	Caldwell	Increase the reliability and capability of circuit T601 on the Clear Fork - Lockhart transmission line.	5/17/2021	11/20/2021	9/17/2021		\$4,649,000			100	69	138	3.04	Existing (114/0 ACSR "Penguin" New (2)959.6 ACSR/TW/HS "Suwannee"	Wood/Steel H-frame, Steel Monopole	Centerline (Varies)	3.04	100	n/a	25.101 (C)(5)(B)	ROW per Easement Enhancement FY 19 System Upgrade - 1019080
1020838	Lampasas-Kempner TL Addition (T154) [Kempner Circuit Breaker Addition-1020381]	Lampasas	Increase transmission service reliability to the Kempner Substation and Lampasas Substation. Increase the reliability and capability of transmission facilities on the T154 Coppers Cove (PEC) - Lampasas 13.5-mile 138kV transmission line.	5/17/2021	9/5/2021	9/3/2021		\$2,529,000			100	138	138	8.04	(1)795kcmil ACSR/GA2 "Drake"	Wood & Steel H-frame, Tower and monopole	Centerline (varies)	8.04	n/a	n/a	25.101 (C)(5)(A)	Additional landowners notified. Supplemental notice affidavit filed 4/15/21
1020869	Kempner-Coppers Cove TL Addition (T721) [Kempner Circuit Breaker Addition-1020381]	Lampasas	Increase transmission service reliability to the Kempner Substation and Lampasas Substation. Increase the reliability and capability of transmission facilities on the T154 Coppers Cove (PEC) - Lampasas 13.5-mile 138kV transmission line.	5/17/2021	9/5/2021	9/3/2021		\$1,819,000			100	138	138	5.62	(1)795kcmil ACSR/GA2 "Drake"	Wood & Steel H-frame, Tower and monopole	Centerline (varies)	5.62	n/a	n/a	25.101 (C)(5)(A)	
1020856	Clearfork-Robert Brown TL Addition (T519) [Clear Fork-Robert Brown Jr TL Overhaul - 1020855]	Caldwell	Increase the reliability and capability of circuit T519 on the Clear Fork - Robert Brown Jr 8.8-mile 69-kV transmission line.	11/15/2021	4/19/2022	4/19/2022		\$7,550,000			100	69	138	6.75	(2)959.6kcmil ACSR/TW/HS "Suwannee"	Steel Monopole	Centerline	6.75	80	6.75	25.101 (C)(5)(B)	ROW per Easement Enhancement FY 19 System Upgrade - 1019080
1025542	F - T550 Divide-TB TL Repair [Winter Storm - FY 2021 System Restoration - 1025756]	Coke, Tom Green	February 2021 winter storm emergency repair and restoration work.	2/14/2021	2/21/2021	2/21/2021	\$109,000	\$214,844	\$243,664	13%	100	345	345	30.8	Bundled 1590 kcmil ACSR Falcon	Steel Lattice	160	30.8	n/a	n/a	25.101 (C)(3)	
1025575	F - T438 FtUncstr-FrdRchd TL Repair [Winter Storm - FY 2021 System Restoration - 1025756]	Crockett, Pecos, Terrell	February 2021 winter storm emergency repair and restoration work.	2/16/2021	2/20/2021	2/20/2021	\$5,000	\$7,539			100	138	138	43.45	Bundled 795 kcmil ACSR Drake	Concrete Pole	80	43.45	n/a	n/a	25.101 (C)(3)	
1025452	F - T431 Divide-GasCh TL Repair [Winter Storm - FY 2021 System Restoration - 1025756]	Coke, Sterling	February 2021 winter storm emergency repair and restoration work.	2/12/2021	2/20/2021	2/20/2021	\$141,000	\$276,626	\$178,632	-36%	100	345	345	5.89	Bundled 1590 kcmil ACSR Falcon	Steel Lattice	160	5.89	n/a	n/a	25.101 (C)(3)	
1025537	F - T440 Skywst-Sprbrly TL Repair [Winter Storm - FY 2021 System Restoration - 1025756]	Midland	February 2021 winter storm emergency repair and restoration work.	2/14/2021	2/17/2021	2/17/2021	\$24,000	\$63,547	\$81,570	26%	100	138	138	9.06	Single 1233.6 kcmil ACSR/TW Yukon	Concrete Pole	Varies - 75& Blanket	9.06	n/a	n/a	25.101 (C)(3)	

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1025534	F - T610 Antler-Hwy 46 TL Repair [Winter Storm - FY 2021 System Restoration - 1025756]	Comal	February 2021 winter storm emergency repair and restoration work.	2/14/2021	2/17/2021	3/12/2021	\$151,000	\$340,625	\$216,129	-36%	100	138	138	10.4	Single 795 kcmil ACSRTW/GA2 Conдор	Steel Lattice	100	10.4	n/a	n/a	25.101 (C)(3)	
1025551	F - T381 Mac-Hockley TL Repair [Winter Storm - FY 2021 System Restoration - 1025756]	Harris, Waller	February 2021 winter storm emergency repair and restoration work.	2/14/2021	2/16/2021	2/16/2021	\$5,000				100	138	138	12.06	Single 959.8 kcmil ACSS/TW Suwannee	Concrete Pole	80	12.06	n/a	n/a	25.101 (C)(3)	
1025549	F - T558 BH - Kendall TL Repair [Big Hill - Kendall Transmission Line Restoration - 1025819]	Gillespie, Kendall, Kerr, Kimble, Schleicher	February 2021 winter storm emergency repair and restoration work.	2/13/2021	2/26/2021	7/22/2021	\$1,023,000	\$2,004,000			100	345	345	139.17	Bundled 1926.7 kcmil ACSS/TW Cumberland	Steel Lattice	Varies	139.17	n/a	n/a	25.101 (C)(3)	
1025544	F - T493 Antler-Berghm TL Repair [Winter Storm - FY 2021 System Restoration - 1025756]	Comal	February 2021 winter storm emergency repair and restoration work.	2/14/2021	2/16/2021	3/9/2021	\$118,000	\$294,019	\$192,294	-35%	100	138	138	7.18	Single 795 Conдор ACSR/SD	Steel Lattice	100	7.18	n/a	n/a	25.101 (C)(3)	
1025545	F - T559 BH-Kendall TL Repair [Big Hill - Kendall Transmission Line Restoration - 1025819]	Gillespie, Kendall, Kerr, Kimble, Schleicher	February 2021 winter storm emergency repair and restoration work.	2/14/2021	2/26/2021	7/22/2021	\$1,023,000	\$2,005,000	\$2,064,916	3%	100	345	345	139	(2)1926.9 ACSS/TW "Cumberland"	Steel Lattice	120	139	n/a	n/a	25.101 (C)(3)	
1025454	F - T487 Hunt-Ingram TL Repair [Winter Storm - FY 2021 System Restoration - 1025756]	Kerr	February 2021 winter storm emergency repair and restoration work.	2/14/2021	2/17/2021	5/10/2021	\$64,000	\$295,133	\$273,946	-7%	100	138	138	6.39	(1)336.4 ACSR "Linnet"	Steel Lattice	60 Centerline	6.39	n/a	n/a	25.101 (C)(3)	
1025450	F - T448 Gillespie-HSBay TL Repair [Gillespie - Horseshoe Bay Transmission Line Restoration and Upgrade - 1025920]	Gillespie, Llano	February 2021 winter storm emergency repair and restoration work.	2/17/2021	8/18/2021	2/19/2021	\$174,000	\$1,116,000			100	138	138	36.42	(1)795 ACSR "Drake"	Steel Lattice	75 Centerline	36.42	n/a	n/a	25.101 (C)(3)	Additional TL repair work ongoing
1025559	F - T110 Coronado-Find TL Repair [Winter Storm - FY 2021 System Restoration - 1025756]	Burnet, Llano	February 2021 winter storm emergency repair and restoration work.	2/11/2021	2/12/2021	2/12/2021	\$11,000				100	138	138	12.5	(1)795 ACSR "Drake"	Steel Lattice	100 Centerline	12.5	n/a	n/a	25.101 (C)(3)	
1025576	F - T221 TrlCrk-VrdeCrk TL Repair [Winter Storm - FY 2021 System Restoration - 1025756]	Kerr	February 2021 winter storm emergency repair and restoration work.	2/14/2021	2/17/2021	4/15/2021	\$11,000	\$22,062	\$22,861	4%	100	138	138	10.34	(1)336.4 ACSR "Linnet"	Wood Pole	80 M&B, 100, Centerline	10.34	n/a	n/a	25.101 (C)(3)	
1025449	F - T192 Ferg-Gillespie TL Repair [Gillespie - Horseshoe Bay Transmission Line Restoration and Upgrade - 1025920]	Gillespie, Llano	February 2021 winter storm emergency repair and restoration work.	2/17/2021	8/18/2021	2/19/2021	\$185,000	\$1,090,000	\$2,054,950	3%	100	138	138	39.18	(1)795 ACSR "Drake"	Steel Lattice	30 M&B, Centerline	39.18	n/a	n/a	25.101 (C)(3)	Additional TL repair work ongoing
1025547	F - T389 Berghm-Hays E TL Repair [Winter Storm - FY 2021 System Restoration - 1025756]	Comal, Hays	February 2021 winter storm emergency repair and restoration work.	2/14/2021	2/17/2021	3/12/2021	\$94,000	\$355,760	\$183,336	-48%	100	345	345	33.92	795 CONDOR ACSR/SD (BUNDLED) 1439 6 MERRIMACK ACSS/TW (BUNDLED)	Steel Lattice	170 Centerline 100' M & B	33.92	n/a	n/a	25.101 (C)(3)	
1025567	F - T422 Dvldie to TB TL Repair [Winter Storm - FY 2021 System Restoration - 1025756]	Coke, Tom Green	February 2021 winter storm emergency repair and restoration work.	2/11/2021	2/22/2021	2/22/2021	\$216,000	\$392,117	\$246,120	-37%	100	345	345	30.86	1690 FALCON ACSR (BUNDLED)	Steel Lattice	180 Centerline	30.86	n/a	n/a	25.101 (C)(3)	

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1025453	F - T564 Big Hill-TB TL Repair [Winter Storm - FY 2021 System Restoration - 1025758]	Schleicher, Tom Green	February 2021 winter storm emergency repair and restoration work.	2/14/2021	2/20/2021	4/4/2021	\$585,000	\$2,315,866	\$2,199,753	-5%	100	345	345	37.89	1926.9 CUMBERLAND ACSS/TW (BUNDLED)	Steel Pole	140-160	37.89	n/a	n/a	25.101 (C)(3)	
1025550	F - T148 BC-Comfort TL Repair [Winter Storm - FY 2021 System Restoration - 1025758]	Kendall	February 2021 winter storm emergency repair and restoration work.	2/14/2021	2/20/2021	4/28/2021	\$285,000	\$842,717	\$456,888	-29%	100	138	138	16.93	785 DRAKE ACSR (BUNDLED)	Steel Pole	75-140 Centerline Blanket	16.93	n/a	n/a	25.101 (C)(3)	
1025568	F - T266 Gillespie-Nimtz TL Repair [Winter Storm - FY 2021 System Restoration - 1025758]	Gillespie	February 2021 winter storm emergency repair and restoration work.	2/17/2021	2/17/2021	5/14/2021	\$42,000	\$203,128	\$303,988	50%	100	138	138	2.92	785 DRAKE ACSR (SINGLE)	Steel Lattice	Varies	2.92	n/a	n/a	25.101 (C)(3)	
1025559	F - T548 Eagle-Lk-El Cmp TL Repair [Winter Storm - FY 2021 System Restoration - 1025758]	Colorado	February 2021 winter storm emergency repair and restoration work.	2/14/2021	2/15/2021	2/15/2021	\$44,000	\$47,597	\$122,743	158%	100	69	69	38.176	795 ARBUTUS AAC (SINGLE) 785 DRAKE ACSR (SINGLE) 4/0 PENGUIN ACSR (SINGLE) 336.4 LINNET ACSR (SINGLE) 1/0 RAVEN ACSR (SINGLE)	Wood H-Frame	Blanket CL	38.18	n/a	n/a	25.101 (C)(3)	
1025540	F - T342 Kendall-MtnTop TL Repair [Kendall – Mountain Top Fiber Restoration and Upgrade - 1025620]	Blanco, Gillespie, Kendall	February 2021 winter storm emergency repair and restoration work.	2/14/2021	2/26/2021	6/6/2021	\$418,000				100	138	138	35.27	Single 1433.8 Merrimack ACSS/TW	Steel monopole	60, 100	35.27	n/a	n/a	25.101 (C)(3)	
1025535	F - T288 Hrpr-LvOak TL Repair [Winter Storm - FY 2021 System Restoration - 1025758]	Gillespie	February 2021 winter storm emergency repair and restoration work.	2/13/2021	2/17/2021	2/17/2021	\$117,000	\$119,378	\$122,187	2%	100	69	69	21.67	(1)2/0 ACSR "Quail" (1)1/0 ACSR "Raven"	Wood pole	40	21.66	n/a	n/a	25.101 (C)(3)	
1025447	F - T130 Gillespie-SndStne TL Repair [Winter Storm - FY 2021 System Restoration - 1025758]	Gillespie, Llano	February 2021 winter storm emergency repair and restoration work.	2/19/2021	2/19/2021	2/19/2021	\$127,000	\$140,330	\$256,564	83%	100	69	69	36.22	ACSR (12/7) Cochin/ACSR (26/7) Linnet/ACSR (26/7) Drake 4/0 ACSR (6/1) Penguin	Wood H-Frames	100	36.22	n/a	n/a	25.101 (C)(3)	
1025536	F - T508 Doss - Harper TL Repair [Winter Storm - FY 2021 System Restoration - 1025758]	Gillespie	February 2021 winter storm emergency repair and restoration work.	2/12/2021	2/17/2021	2/17/2021	\$196,000	\$207,161	\$203,946	-2%	100	69	69	14.09	(1)4/0 ACSR "Penguin"	Wood Pole	Centerline	14.09	n/a	n/a	25.101 (C)(3)	
1025533	F - T255 FPP-Lytt Sprgs TL Repair [Winter Storm - FY 2021 System Restoration - 1025758]	Bastrop, Caldwell, Fayette	February 2021 winter storm emergency repair and restoration work.	2/14/2021	2/17/2021	2/17/2021	\$203,000	\$203,000	\$251,422	24%	100	345	345	61.12	Double Bundle 715.5 ACSR 39/19 Redwing	Steel Lattice	100	61.12	n/a	n/a	25.101 (C)(3)	
1025448	F - T214 FtMason-Gillespie TL Repair [Winter Storm - FY 2021 System Restoration - 1025758]	Gillespie, Mason	February 2021 winter storm emergency repair and restoration work.	2/17/2021	2/25/2021	2/25/2021	\$414,000	\$876,218	\$945,985	8%	100	138	138	12.86	Single 795 MCM ACSR (26/7) Drake	Wood H-Frames	75, 100	12.86	n/a	n/a	25.101 (C)(3)	
1025621	F-T161 Sim Gideon-Paige TL Repair [Winter Storm - FY 2021 System Restoration - 1025758]	Bastrop	February 2021 winter storm emergency repair and restoration work.	4/24/2021	4/24/2021	4/24/2021	\$15,864	\$15,864			100	138	138	9.77	(1) 785 Drake ACSR	Wood H-Frame, Lattice Tower, Steel Pole	Varies	9.77	n/a	n/a	25.101 (C)(3)	

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1023852	Hilltop-RR 12 TL Addition (T375) [Hilltop - Ranch Road 12 TL Upgrade - 1023190]	Hays	Increase the reliability of transmission facilities on the T375 Hilltop – Ranch Road 12 3.95-mile 138-kV transmission line by upgrading the conductor and increasing the transmission capacity.	9/20/2021	6/30/2022			\$9,300,000			94	138	138	3.97	3x1 ~ 1433.6 ACSS/TW "Merimack"	Steel Poles	Varies	3.97	n/a	n/a	25.101 (C)(5)(B)	
1023723	T899 McCarty Lane-RR 12 TL Addition [McCarty Lane - Ranch Road 12 TL Upgrade - 1023186]	Hays	Increase the reliability of transmission facilities on the T899 McCarty Lane – Ranch Road 12 6.7-mile 138-kV transmission line by upgrading the conductor and increasing the transmission capacity.	8/23/2021	6/28/2022	2/8/2022		\$9,710,000			100	138	138	6.67	3x1 ~ 1433.6 ACSS/TW "Merimack"	Steel Poles	Varies,100	6.67	n/a	n/a	25.101 (C)(5)(B)	
1024076	T233 TL Addition [McCarty Lane-RR 12 TL Upgrade - 1023186]	Hays, Comal	Increase the reliability of transmission facilities on the T899 McCarty Lane – Ranch Road 12 6.7-mile 138-kV transmission line by upgrading the conductor and increasing the transmission capacity.	9/23/2021	6/28/2022	2/8/2022		\$827,000			100	138	138	6.56	3x1 ~ 959.6 ACSS/TW "Suwannee"	Steel Poles	Varies	6.56	n/a	n/a	25.101 (C)(5)(B)	
1023795	T262 TL Addition [McCarty Lane-RR 12 TL Upgrade - 1023186]	Hays	Increase the reliability of transmission facilities on the T899 McCarty Lane – Ranch Road 12 6.7-mile 138-kV transmission line by upgrading the conductor and increasing the transmission capacity.	9/23/2021	6/28/2022	1/7/2022		\$976,000			100	138	138	2.3	3x2 ~ 959.6 ACSS/TW "Suwannee"	Steel Poles	Varies	2.3	n/a	n/a	25.101 (C)(5)(B)	
1024074	T324 TL Addition [McCarty Lane-RR 12 TL Upgrade - 1023186]	Hays	Increase the reliability of transmission facilities on the T899 McCarty Lane – Ranch Road 12 6.7-mile 138-kV transmission line by upgrading the conductor and increasing the transmission capacity.	9/23/2021	6/28/2022	1/7/2022		\$815,000			100	138	138	0.1	2x3 ~ 795 ACSR "Drake"	Steel Pole	Varies	0.1	n/a	n/a	25.101 (C)(5)(B)	
1024151	Coronado-Fairland TL Addition (T110) [Coronado - Fairland TL Upgrade - 1023802]	Coronado	Increase the reliability of transmission facilities on the T110 Coronado – Fairland conductor by replacing 12.4 mile 138-kV transmission line of existing Condor conductor and 25 structures.	8/30/2021	3/11/2022	3/11/2022		\$6,492,000			100	138	138	12.4	Single 795 ACSR Drake	Lattice Towers and Steel Monopoles	100' Centerline	12.4	n/a	n/a	25.101 (C)(5)(B)	
1020859	Red Rock-Tahitian T153 TL Addition (T153) [Red Rock-Tahitian TL Upg - 1020856]	Bastrop	Increase the reliability of transmission facilities on the T153 Red Rock – Tahitian Village 12.6-mile 138-kV transmission line.	9/16/2021	3/31/2022	3/31/2022		\$12,818,000			100	138	138	12.67	(1) 959.6 ACSS/TW/HS "Suwannee" (1) 995.0 kcmil Type 13 ACSS/TW/C-TP (1) AFL DNO-11243 OPGW	Steel Monopole	100	12.67	n/a	n/a	25.101 (C)(5)(B)	
1020868	TurtleCreek-VerdeCreek TL Addition (T221) [Turtle Crk-Verde Crk TL OH-1020867]	Kerr	Increase the reliability of transmission facilities on the T221 Turtle Creek – Verde Creek 10.3-mile 138-kV transmission line.	8/1/2021	3/18/2022	3/28/2022		\$8,851,000			100	138	138	10.26	Single 795 ACSR "Drake" & DNO-11243 OPGW & 3/8 EHS Static Wire	Steel Monopoles	100', Meets & Bounds	10.26	n/a	n/a	25.101 (C)(5)(B)	
1024946	Plum-Muldoon TL Addition (T133) [Muldoon Substation Addition - 1024679]	Fayette	New three breaker ring bus substation to provide a 138-kV line termination for a 240 MW solar generation facility.	11/18/2022	3/10/2023			\$6,400,000			0	138	138	11.07	(1) 959.6 ACSS/TW "Suwannee" (1) DNO-11243 (1) 3/8" EHS & (1) 3/8" HS	Steel poles, H-frames, Lattice tower	100	19.64	n/a	n/a	25.101 (C)(5)(A)	
1019041	Schulenberg - Glidden TL Addition (T373) [Weimar Circuit Breaker Addition - 1018926]	Colorado	Increase transmission service reliability to the Weimar Substation. Increase the reliability of transmission facilities on the T373 Schulenberg – Glidden 20.25-mile 138-kV transmission line.	8/30/2021	3/25/2022	3/25/2022		\$535,000			100	138	138	12.88	(1) 795 ACSR/GA2 "DRAKE"	Steel poles, H-frames, Lattice tower	Blanket	12.88	n/a	n/a	25.101 (C)(5)(B)	
1021249	Coronado - Graphite Mine TL Addition (T109) [Graphite Mine CB Addition - 1020373]	Burnet, Lampasas	Increase transmission service reliability to the Graphite Mine Substation.	7/6/2021	11/4/2021	11/3/2021		\$3,838,000			100	138	138	5.61	Single 795 ACSR Drake & DNO-11243 OPGW & 3/8 EHS Static Wire	Steel Monopole, Concrete Monopole	100	5.61	n/a	n/a	25.101 (C)(5)(A)	
1021355	Lampasas - Graphite Mine TL Addition (T715) [Graphite Mine CB Addition - 1020373]	Burnet, Lampasas	Increase transmission service reliability to the Graphite Mine Substation.	8/2/2021	11/4/2021	11/3/2021		\$780,000			100	138	138	21.93	Single 795 ACSR Drake & DNO-11243 OPGW & 3/8 EHS Static Wire	Steel Monopole, Concrete Monopole, Lattice Tower	100' & Centerline	21.93	n/a	n/a	25.101 (C)(5)(A)	

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1020123	Magnolia Mercer-Luling TL Addition (T701) [Magnolia Mercer CB Addition - 1018915]	Caldwell	Increase the reliability of substation equipment at the Magnolia Mercer Substation	10/1/2021	4/21/2022	4/21/2022		\$186,000			100	69	138	15.83	(1) 795 ACSR /GA2 "Drake" Conductor (1) DNO-11243 Shield Wire	Wood H-frames, Tower	Centerline	15.83	n/a	n/a	25.101 (C)(5)(B)	
1019178	Luling-Mercer TL Addition (T157) [Magnolia Mercer CB Addition - 1018915]	Caldwell	Increase the reliability of substation equipment at the Magnolia Mercer Substation	10/1/2021	4/21/2022	4/21/2022		\$557,000			100	69	69	15.83	(1) 396 ACSR "Unnet" Conductor (1) 4/0 ACSR "Penguin" Shield Wire	Tower	Centerline	15.83	n/a	n/a	25.101 (C)(5)(B)	
1019331	Schulenburg-Glidden TL Addition (T373) [LCRA TSC FIBER BUILD OUT FY19 - 1018907]	Fayette, Colorado	Increase the reliability and capability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment	11/9/2021	3/25/2022	3/25/2022		\$6,500,000			100	138	138	7.57	(1) 795 ACSR "Drake" (1) DNO-11243 (1) 3/8" EHS STEEL	Steel, Concrete, and Hybrid Monopoles	Blanket, 20	7.57	n/a	7.57	25.101 (C)(5)(B)	
1023940	Weimar-Glidden TL Addition(T704) [LCRA TSC Fiber Build Out FY19 - 1018907]	Colorado	Increase the reliability and capability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment.	9/15/2022	3/2/2023			\$8,646,000			0	138	138	12.86	(1) 795 ACSR "Drake" (1) DNO-11243 (1) 3/8" EHS STEEL	Steel, Concrete, and Hybrid Monopoles	Blanket, 20	12.86	n/a	12.86	25.101 (C)(5)(B)	
1024827	Cedar Canyon-HLoneam BESS TL Addition (T741) [Cedar Canyon Circuit Breaker Addition - 1024878]	Iranan, Crockett	This project provides a point of interconnection for a new 50.8 MW Battery Energy Storage at the 345-kV Cedar Canyon Substation by adding a new bay into a double bus/double breaker configuration to accommodate the new interconnection	4/11/2022	5/2/2022	5/2/2022		\$702,000			100	n/a	345	<1mi (374ft)	Bundled 959 Suwannee	Steel Monopole	n/a	n/a	200' X 200 plot	200' X 200 plot	25.101 (C)(5)(A)	
1025114	King Mountain-North McCamey TL Addition (T452) [King Mountain - North McCamey Transmission Line Relocation Project - 1024877]	Crane, Upton	Relocate and modify transmission facilities on the DC T455/T452 King Mountain – North McCamey 138kV transmission line.	1/18/2022	3/17/2022	3/17/2022		\$1,617,000			100	138	138	10.44	(2x) 795 ACSR Drake	Steel Poles, Concrete Poles	80	10.44	n/a	n/a	25.101 (C)(5)(F)	
1025115	King Mountain-North McCamey TL Addition (T455) [King Mountain - North McCamey Transmission Line Relocation Project - 1024877]	Crane, Upton	Relocate and modify transmission facilities on the DC T455/T452 King Mountain – North McCamey 138kV transmission line.	1/18/2022	3/17/2022	3/17/2022		\$983,000			100	138	138	10.44	(2x) 795 ACSR Drake	Steel Poles, Concrete Poles	80	9	n/a	n/a	25.101 (C)(5)(F)	
1023363	King Mountain - Crane II TL Addition (T732) [King Mountain Substation Upgrade - 1023073]	Crane	Provide transmission service to a generator. Add a 138-kV bay and associated circuit breaker to the existing substation.	12/1/2021	3/1/2023			\$2,301,000			95	n/a	138	0.13	(1) 959.6 KCMIL ACSS "Suwannee"	Steel Monopole	n/a	n/a	80	0.13	25.101 (C)(5)(A)	
1020853	San Marcos-Robert Brown TL Addition (T220) [Robert Brown Jr-San Marcos TL Overhaul -1020852]	Hays, Caldwell	Increase the reliability and capability of circuit T220 on the Robert Brown Jr – San Marcos 4.91-mile 69-kV transmission line.	4/19/2022	7/29/2022			\$5,187,000			75	69	138	4.9	(2)959.6 ACSS/TW/HS "Suwannee" (2)959.6 T13 ACSS/TW/C7-TP (1)AFL DNO-11243	Steel Monopole	Varies	4.9	100	4.9	25.101 (C)(5)(B)	
1018662	Rio Pecos - Crane TL Addition (T451) [Horse Cross - Rio Pecos TL Add - 1018600]	Crane	Provide transmission service to a generator. Add fiber on existing T451 between Rio Pecos and Horse Crossing Substation	12/11/2020	5/3/2021	6/1/2021		\$108,000	\$90,814	-16%	100	138	138	8.29	(2) 795 ACSR/GA2 "Drake" (1)AFL DNO-11243	Concrete & Steel poles	80	8.29	n/a	n/a	25.101 (C)(5)(C)	
1025786	A-frame (T373) Replacement Weimar Substation (G-T373 Replace frame Weimar Sub - 1025786)	Weimar, Colorado	Replace existing T373 A-Frame at Weimar Substation	1/20/2022	3/25/2022	3/25/2022		\$130,000			100	138	138	7.57	(1) 795 ACSR "Drake" (1) DNO-11243 (1) 3/8" EHS STEEL	Steel, Concrete, and hybrid monopoles, Super duty A-Frame	Varies	7.57	n/a	n/a	25.101 (C)(5)(B)	
1025518	Belville S-Glidden TL Addition (T113) [Columbus Area TL Relocation -1024945]	Colorado, Austin Counties	Relocate and modify transmission facilities on the T113 Belville South - Glidden 69-kV transmission between structure #135 and structure #137	2/7/2022	3/17/2022	3/17/2022		\$1,127,000			100	69	69	31.2	795 ACSR Drake	Steel Poles, Lattice	100	31.2	n/a	n/a	25.101 (C)(5)(F)	

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1026472	F - T154 TL Addition [Gen Add FY22 TSC Failed Equip - 1026451]	Lampasas	Replace rusted out crossarms, insulators & add bird discouragers on STR's 4/1, 6/2, and 8/3	7/27/2021	8/2/2021	8/2/2021		\$6,321			100	138	138	8.04	795 ACSR Drake	Wood H-Frame	Centerline (Varies)	8.04	n/a	n/a	25.101 (C)(3)	
1026283	F - Swiftex-Cedar OPGW Rpl (T367) [Gen Add FY21 TSC Failed Equip - 1024338]	Bastrop	OPGW fiber repair on a 2.4 mile section of T367 Cedar Hill Swiftex 138 kV TL from LCRA TSC's Swiftex Substation. Immediate steps were taken to complete necessary restoration activities due to the nature of the damage and the critical facilities involved.	5/23/2021	5/27/2021	5/27/2021		\$400,000	\$281,474	-30%	100	138	138	9.91	795 ACSR Drake	Steel Poles	Varies	9.91	n/a	n/a	25.101 (C)(3)	
1026476	F-(T197)(T242) Marshall Ford-Neil Rplc [Gen Add FY22 TSC Failed Equipment - 1026451]	Travis	Emergency repair work to Str#55 on T197/T242 to "Make Safe"	8/30/2021	8/2/2021	8/2/2021	\$384,000				100	138	138	14.18	(1) 795 Drake ACSR	Steel Monopoles/Lattice Towers	Varies 30-125	14.18	n/a	n/a	25.101 (C)(3)	
1026818	(T197)(T242) Str. #55 Repair Damage [1008416 - TSC Customer Billing]	Travis	Emergency repair work to Str#55 to restore/install permanent structures	10/25/2021	10/31/2021	10/31/2021		\$79,443			100	138	138	14.18	(1) 795 Drake ACSR	Steel Monopoles/Lattice Towers	Varies 30-125	14.18	n/a	n/a	25.101 (C)(3)	
1026811	(T490)(T273) Str. #21/7B Repair Damage [1008416 - TSC Customer Billing]	Hays	Emergency repair work to Str #21/7B	9/28/2021	9/31/2021	9/12/2021		\$56,774			100	138	138	2.78	(1) 795 Drake ACSR	Steel Monopoles/Lattice Towers	100	2.78	n/a	n/a	25.101 (C)(3)	
1026845	F-(T490)(T273) Goforth-Canyon Rplc [Gen Add FY22 TSC Failed Equipment - 1026451]	Hays	Emergency repair work to Str #21/7B T490/T273 to restore/install permanent structures	9/10/2021	9/14/2021	9/12/2021	\$254,000				100	138	138	2.78	(1) 795 Drake ACSR	Steel Monopoles/Lattice Towers	100	2.78	n/a	n/a	25.101 (C)(3)	
1019323	Flatonia-Schulenburg TL Addition (T112) [LCRA TSC Fiber Build Out FY19 - 1019067]	Fayette	Increase the reliability and capability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment.	12/1/2021	6/30/2022			\$7,300,000			65	138	138	11.99	(1) 795 ACSR "Drake"	Steel Poles	100 CL/ Blanket	11.92	n/a	n/a	25.101 (C)(5)(B)	
1025191	Kenedy Switch-Nordheim W TL Addition (T577) [Kennedy Switch-Nordheim West TL Overhaul - 1024845]	DeWitt, Kames	Increase the reliability of transmission facilities on the T577 Kennedy Switch - Nordheim West 15.99-mile 138-kV transmission line.	1/14/2022	3/4/2022	2/24/2022		\$277,000			100	138	138	15.902	Drake 795 ACSR, single	Concrete, Monopoles	Blanket	15.902	n/a	n/a	25.101 (C)(5)(B)	
1026973	Coronado-Buchanan TL Addition (T107) [FY22 G-T107 Coronado-Buch Fbr Repl - 1026972]	Burnet	Replace existing OPGW on T107 between STR's #137 to #138A and the underground fiber from STR#138A to Buchanan Plant with updated 72-count standard all dielectric fiber cable.	12/1/2021	4/8/2022	4/8/2022		\$246,000			100	69	69	2.35	(1) 795 ACSR Drake	Lattice, H-frame	M&B 190/CL 100/Blanket	2.35	n/a	n/a	25.101 (C)(5)(B)	
1024711	HiCross-Marshall Ford TL Addition (T142) [HiCross-Marshall Ford Transmission Line Relocation - 1024589]	Travis	Relocate LCRA TSC elements on the T142 Hi Cross - Marshall Ford 138-kV transmission line that cross Austin Energy (AEN) bus work at Barton and Salem Walk substations.	3/1/2023	5/15/2023			\$1,616,000			0	138	138	16.5	(1) 1433 6 ACSS/TW Menimack	Steel Poles, Steel H-Frames, Lattice Towers	100	16.5	n/a	n/a	25.101 (C)(5)(E)	
1025540	Kendall-Mountain Top TL Addition (T342) [Kendall - Mountain Top Fiber Restoration and Upgrade -1025620]	Blanco, Kendall	Upgrade the T342 Optical Ground Wire (OPGW) between Kendall Substation (S241) and Mountaintop (PEC) Substation (S265) to improve reliability and capacity of the subtending CREZ East Fiber Route.	2/7/2022	4/29/2022	4/27/2022		\$4,582,000			100	138	138	43.62	(1) 1433 6 ACSS/TW Menimack	Steel Poles	100 , Centerline	43.62	n/a	n/a	25.101 (C)(5)(B)	
1027093	F-T579 TL Add Rplc [Gen Add FY22 TSC Failed Equip - 1026451]	Dewitt	Replace insulators as necessary	11/1/2021	11/12/2021	11/12/2021	\$121,000				100	138	138	14.24	(1) 795 ACSR Drake	Steel Lattice, Steel Pole	85	14.24	n/a	n/a	25.101 (C)(3)	
1026870	F - T226 TL Add Rplc [Gen Add FY22 TSC Failed Equip - 1026451]	Gonzales	Replace insulators, shoes & dampers on structures	11/15/2021	11/24/2021	11/24/2021	\$117,000				100	138	138	15.11	(1) 795 ACSR Drake	Steel Lattice	85	15.11	n/a	n/a	25.101 (C)(3)	

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1026971	F-7609 TL Add Rplc. [Gen Add FY22 TSC Failed Equip - 1026451]	Dewitt	Replace dampers as necessary	11/29/2021	12/9/2021	12/9/2021	\$34,000				100	138	138	2.75	(1) 795 ACSR Drake	Steel Lattice, Steel Pole	85	2.75	n/a	n/a	25.101 (C)(3)	
1025066	Hunt-Ingram SH TL Addition (T487/T521) [Hunt - Ingram TL Storm Hardening - 1024843]	Kerr	LCRA TSC will perform a Storm Hardening on structures and conductors on the 6.4-mile Hunt – Ingram (T487) transmission line	8/1/2022	5/15/2023			\$7,000,000			0	138	138	4.48	(1) 959.8 ACSS SUWANNEE	Steel Monopole	Varies 80, 100	4.48	n/a	n/a	25.101 (C)(5)(B)	
1025028	HarperRd-Jack Frmn TL Addition (T368) [Harper Road - Jack Furman TL Storm Hardening - 1024842]	Kerr	LCRA TSC will perform a Storm Hardening on structures and conductors on the 6.4-mile Hunt – Ingram (T487) transmission line	2/1/2022	1/5/2023			\$4,500,000			5	138	138	4.64	(1) 959.8 ACSS SUWANNEE	Steel Monopole	Varies (100, 80, 20)	4.64	n/a	n/a	25.101 (C)(5)(B)	
1025059	Ingram-Jack Furman Storm Hardening TL Addition (T521) [Ingram - Jack Furman TL Storm Hardening - 1024844]	Kerr	LCRA TSC will perform a Storm Hardening on structures and conductors on the 6.4-mile Hunt – Ingram (T487) transmission line	8/1/2022	3/15/2023			\$9,000,000			0	138	138	3.25	(1) 959.8 ACSS SUWANNEE	Steel Monopole	Varies	3.25	n/a	n/a	25.101 (C)(5)(B)	
1025009	Buchanan-Buchanan CTEC TL Addition (T106) [Buchanan (CTEC) - Buchanan TL Overhaul - 1024835]	Llano County	Increase reliability of the structures and conductor	2/14/2022	6/6/2022			\$7,500,000			100	69	69	2.8	(1) 396.4 ACSR LINNET (1) 959.8 ACSS SUWANNEE	Steel Lattice Tower/ Steel Monopole	M&B/100	2.8	n/a	n/a	25.101 (C)(5)(B)	
1025479	Bakersfield Substation Addition [Bakersfield-Big Hill TL Addition - 1024834]	Pecos County	Upgrade substation equipment to interconnect another TSP's 345-kV circuit from Big Hill to Bakersfield	8/1/2022	5/15/2023			\$593,800			0	345	345	n/a	n/a	A-Frame	n/a	n/a	n/a	n/a	25.101 (C)(5)(B)	
1025502	Cedar Canyon Substation Addition [Bakersfield-Big Hill TL Addition - 1024834]	Crockett County	Upgrade substation equipment to interconnect another TSP's 345-kV circuit from Big Hill to Bakersfield	3/7/2022	5/15/2023			\$634,000			5	345	345	n/a	n/a	A-Frame	n/a	n/a	n/a	n/a	25.101 (C)(5)(B)	
1025506	Noelke Substation Addition [Bakersfield-Big Hill TL Addition - 1024834]	Crockett County	Upgrade substation equipment to interconnect another TSP's 345-kV circuit from Big Hill to Bakersfield	8/1/2022	5/15/2023			\$728,000			0	345	345	n/a	n/a	A-Frame	n/a	n/a	n/a	n/a	25.101 (C)(5)(B)	
1025507	Schneeman Draw Substation Addition [Bakersfield-Big Hill TL Addition - 1024834]	Schleicher County	Upgrade substation equipment to interconnect another TSP's 345-kV circuit from Big Hill to Bakersfield	3/7/2022	5/15/2023			\$860,000			50	345	345	n/a	n/a	A-Frame	n/a	n/a	n/a	n/a	25.101 (C)(5)(B)	
1025509	Big Hill Substation Addition [Bakersfield-Big Hill TL Addition - 1024834]	Schleicher County	Upgrade substation equipment to interconnect another TSP's 345-kV circuit from Big Hill to Bakersfield	2/1/2022	5/15/2023			\$1,220,000			35	345	345	n/a	n/a	A-Frame	n/a	n/a	n/a	n/a	25.101 (C)(5)(B)	
1026453	Austrop-Garfield TL Addition (T182) [TL Clearance Mitigation FY22 - 1025813]	Bastrop	Strengthen structures to support clearance mitigation	3/29/2022	5/10/2022	5/10/2022		\$375,000			100	345	345	8.34	(2) 795 DRAKE ACSR	Lattice Tower	170	8.34	n/a	n/a	25.101 (C)(5)(B)	
1026454	Garfield-Lytton Spg TL Addition (T352) [TL Clearance Mitigation FY22 - 1025813]	Bastrop	Strengthen structures to support clearance mitigation	3/29/2022	5/10/2022	5/10/2022		\$375,000			100	345	345	12.31	(2) 795 DRAKE ACSR	Lattice Tower	170	12.31	n/a	n/a	25.101 (C)(5)(B)	
1026455	Lytton Spg-Zorn TL Addition (T246) [TL Clearance Mitigation FY22 - 1025813]	Bastrop	Strengthen structures to support clearance mitigation	3/29/2022	5/10/2022	5/10/2022		\$375,000			100	345	345	23.05	(2) 795 DRAKE ACSR	Lattice Tower	170	23.05	n/a	n/a	25.101 (C)(5)(B)	
1026445	Austrop-Zorn TL Addition (T185) [TL Clearance Mitigation FY22 - 1025813]	Bastrop	Strengthen structures to support clearance mitigation	3/29/2022	5/15/2022			\$375,000			75	345	345	43.75	(2) 795 DRAKE ACSR	Lattice Tower	170	43.75	n/a	n/a	25.101 (C)(5)(B)	

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1024943	Harwood-Thompsonville TL Addition (T145) [Bluestem Substation Addition - 1023910]	Gonzales	Construct the new 69-kV (138-kV capable) Bluestem Substation with a 3-breaker ring bus configuration off the T145 Harwood – Thompsonville– Waelder transmission line	2/12/2022	6/16/2022	6/16/2022		\$1,469,000			100	138	138	21.8	(1) 795 DRAKE ACSR	Steel Monopole	100	21.8	n/a	n/a	25.101 (C)(5)(A)	
1026823	Harwood-Bluestem TL Addition (T145) [Bluestem Substation Addition - 1023910]	Gonzales	Construct the new 69-kV (138-kV capable) Bluestem Substation with a 3-breaker ring bus configuration off the T145 Harwood – Thompsonville– Waelder transmission line	2/12/2022	6/16/2022	6/16/2022		\$106,000			100	138	138	13.53	(1) 795 DRAKE ACSR	Steel Monopole	100	13.53	n/a	n/a	25.101 (C)(5)(A)	
1026825	Bluestem-Dehi TL Addition (T748) [Bluestem Substation Addition - 1023910]	Gonzales	Construct the new 69-kV (138-kV capable) Bluestem Substation with a 3-breaker ring bus configuration off the T145 Harwood – Thompsonville– Waelder transmission line	2/12/2022	6/16/2022	6/16/2022		\$139,000			100	138	138	0.04	(1) 795 DRAKE ACSR	Steel Monopole	100	0.04	n/a	n/a	25.101 (C)(5)(A)	
1026824	Bluestem-Thompsonville (T749) TL Addition [Bluestem Substation Addition - 1023910]	Gonzales	Construct the new 69-kV (138-kV capable) Bluestem Substation with a 3-breaker ring bus configuration off the T145 Harwood – Thompsonville– Waelder transmission line	2/12/2022	6/16/2022	6/16/2022		\$139,000			100	138	138	9.27	(1) 795 DRAKE ACSR	Steel Monopole	100	9.27	n/a	n/a	25.101 (C)(5)(A)	
1027199	McNeil-Gilleland Addition (T147) [Gen Add FY22 TSC- Failed Equipment - 1026451]	Travis	Repair failed conductor splice on the bottom phase	11/22/2021	11/24/2021	11/24/2021	\$139,000				100	138	138	7.52	(1) 795 DRAKE ACSR	Steel Monopole, Wood Poles	100	7.52	n/a	n/a	25.101 (C)(3)	
1020862	Lockhart - Red Rock TL Addition (T578) [Lockhart - Red Rock TL Overhaul - 1020861]	Bastrop, Caldwell	Increase the reliability of transmission facilities on the T578 Lockhart structure #301- Red Rock 11.3 mile 138-kV transmission line	9/15/2022	5/15/2023			\$13,500,000			0	138	138	17.1	(1) 959 6 ACSS/TW/MA3 "SUWANNEE"	Steel Monopole	100	17.1	n/a	n/a	25.101 (C)(5)(B)	
1020469	Gonzales - Hocheim TL Addition (T542) [Gonzales - Hocheim TL Overhaul - 1020411]	Gonzales, Devitt	Tear down and rebuild of the 19.3 mile section. Replace wood structures with concrete and steel structures and 795 ACSR "Drake" and DNG-11243 fiber	6/15/2022	2/15/2023			\$24,900,000			0	69	69	53.4	(1) 2/0 QUAIL ACSR (1) 795 DRAKE ACSR	Steel Monopole	Blanket, Varies	53.4	n/a	n/a	25.101 (C)(5)(B)	
1027309	Schkade Fiber TL Addition (T429) [GA FY22-Schkade Fbr Add-1027308]	Tom Green	Replace existing telecom systems used for transmission operations functionality at Schkade Substation	5/2/2022	5/15/2023			\$180,000			80	138	138	16.82	(2) 795 ACSR "DRAKE"	Steel Poles	Centerline, 80	16.82	n/a	n/a	25.101 (C)(5)(B)	
1024787	Bastrop W-Split TL Addition (T410) [Bastrop West-Split T410 TL SH - 1024579]	Bastrop	Storm hardening to allow safe and reliable operation during extreme weather events	7/1/2022	4/28/2023			\$3,507,000			0	138	138	2.37	(1) 959 6 ACSS/TW/MA3 "SUWANNEE"	Steel Poles	Centerline, 100	2.37	n/a	n/a	25.101 (C)(5)(B)	
1024720	Sim Gideon-Tahitian Village TL Addition (T846) [Sim Gideon - Tahitian Village TL Storm Hardening - 1024600]	Bastrop	Storm hardening to allow safe and reliable operation during extreme weather events	7/1/2022	4/28/2023			\$4,591,000			0	138	138	5.05	(1) 959 6 ACSS/TW/MA3 "SUWANNEE"	Steel Poles	Varies, 100, 150, 200	5.05	n/a	n/a	25.101 (C)(5)(B)	
1025803	BWSplit-Sim Gideon TL Addition (T410) [Sim Gideon - Tahitian Village TL Storm Hardening - 1024600]	Bastrop	Storm hardening to allow safe and reliable operation during extreme weather events	7/1/2022	4/28/2023			\$3,464,000			0	138	138	4.37	(1) 959 6 ACSS/TW/MA3 "SUWANNEE"	Steel Poles	Varies, 100, 150, 200	4.37	n/a	n/a	25.101 (C)(5)(B)	
1027518	F-T511 Zorn Addition [Gen Add FY22 TSC- Failed Equipment - 1026451]	Travis, Caldwell	Repair downed shield wire between structures 46 and 47 south of Zorn Substation	2/4/2022	2/4/2022	2/4/2022	\$7,600				100	345	345	71.02	(2) SUWANNEE/ACSS/TW	Steel Lattice	Varies, 120, 200	71.02	n/a	n/a	25.101 (C)(3)	
1022978	Lockhart-Luling TL Addition (T184) [Lockhart-Luling TL Overhaul - 1022800]	Bastrop, Caldwell	Increase the reliability of transmission facilities on the T184 Lockhart structure #301 - Luling 10.5 mile 138-kV transmission line	9/15/2022	5/15/2023			\$1,436,000			0	138	138	11.1	3X1 795 ACSR Drake	Wood H-Frame	85 & 100	11.1	n/a	n/a	25.101 (C)(5)(B)	
1027414	F-T545 TL Upgrade [Gen Add FY22 TSC- Failed Equipment - 1026451]	Colorado	Replace a vertically split pole	1/24/2022	2/1/2022	2/1/2022	\$314,723				100	138	138	14.15	(1) 795 ACSR Drake	Steel Pole & Steel H-Frame	Blanket	14.15	n/a	n/a	25.101 (C)(3)	

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1027883	Settlers Substation Addition Ph. 1 [Settlers Substation Addition - 1027353]	Bastrop, Travis	Construct a temporary hard tap on the LCRA TSC's T171 Austrop to Sim Gideon and T231 Bastrop to Webberville transmission lines	5/17/2022	5/25/2022			\$1,393,000			0	(T171)(T231) 138	(T171)(T231) 138	(T171) 15.61 & (T231) 14.67	(T171)(T231) 795 DRAKE ACSSR (1)	(T171)(T231) Towers & Tower Poles	(T171)(T231) 125	(T171) 15.61 & (T231) 14.67	n/a	n/a	25.101 (C)(5)(B)	
1024727	Antler-Berghem TL Add (T493) [Antler-Berghem Transmission Line Upgrade - 1024576]	New Braunfels, Comal	This project will increase the reliability of the transmission facilities by replacing the aging conductor	9/9/2024	12/12/2024			\$9,499,000			0	138	138	7.17	(2) 959.6 Suwannee/ACSS/TW/HS	Steel Monopole	100	7.17	n/a	n/a	25.101 (C)(5)(B)	
1024728	Antler Flyover-Berghem TL Add (T369) [Antler-Berghem Transmission Line Upgrade - 1024576]	New Braunfels, Comal	This project will increase the reliability of the transmission facilities by replacing the aging conductor	9/9/2024	12/12/2024			\$47,554,000			0	138	138	7.17	(2) 1433.6 Merrimack/ACSS/TW/HS	Steel Monopole	100	7.17	n/a	n/a	25.101 (C)(5)(B)	
1024736	Hays Energy-Henne Split Structure TL Addition (T389) [Hays Energy-Henne Split Transmission Line Upgrade - 1024587]	Comal	This project will increase the reliability of the transmission facilities by replacing the aging conductor	9/1/2022	12/1/2022			\$33,708,000			0	138	138	5.37	(2) 1433.6 Merrimack/ACSS/TW/HS	Steel Monopole	100	5.37	n/a	n/a	25.101 (C)(5)(B)	
1024740	Henne Split Structure-River Oaks Flyover TL Add (T369) [Henne-River Oaks Transmission Line Upgrade - 1024588]	Comal	This project will increase the reliability of the transmission facilities by replacing the aging conductor	9/1/2022	12/1/2022			\$9,716,000			0	138	138	2.28	(2) 1433.6 Merrimack/ACSS/TW/HS	Steel Monopole	100	2.28	n/a	n/a	25.101 (C)(5)(B)	
1024738	Henne-River Oaks (T237) TL Addition [Henne-River Oaks Transmission Line Upgrade - 1024588]	Comal	This project will increase the reliability of the transmission facilities by replacing the aging conductor	9/1/2022	12/1/2022			\$17,754,000			0	138	138	3.79	(2) 959.6 Suwannee/ACSS/TW/HS	Steel Monopole	100	3.79	n/a	n/a	25.101 (C)(5)(B)	
1024743	River Oaks Flyover-Hwy 46 Flyover TL Add (389) [Highway 46-River Oaks Transmission Line Upgrade - 1024590]	Comal	This project will increase the reliability of the transmission facilities by replacing the aging conductor	9/1/2022	12/1/2022			\$45,382,000			0	345	345	8.64	(2) 1433.6 Merrimack/ACSS/TW/HS	Steel Monopole	100	8.64	n/a	n/a	25.101 (C)(5)(B)	
1024745	River Oaks-Hwy 46 TL Addition (T519) [Highway 46-River Oaks Transmission Line Upgrade - 1024580]	Comal	This project will increase the reliability of the transmission facilities by replacing the aging conductor	9/1/2022	12/1/2022			\$8,485,000			0	138	138	8.84	(2) 959.6 Suwannee/ACSS/TW/HS	Steel Monopole	100	8.84	n/a	n/a	25.101 (C)(5)(B)	
1027017	Clear Springs Cir Brkr Add (T752) TL OH- 1027017 [Clear Springs Generator Circuit Breaker Addition - 1026518]	Seguin, Guadalupe	Upgrade the (S454) Clear Springs Substation to facilitate an interconnection project	7/25/2022	4/30/2023			\$3,026,000			0	n/a	138	0.10	(1) 959.6 ACSS Suwannee	Steel Monopole	Substation property & POI 80' x 80' plot	Substation property	80' x 80' plot	80' x 80' plot	25.101 (C)(5)(A)	
1021446	Crane Sub Add [Crane Circuit Breaker Addition - 1021216]	Crane, Crane	Provide transmission service to the Crane Substation.	7/11/2022	12/9/2022			\$1,185,000			0	n/a	138	0.50	(1) 1233.6 Yukon ACSS/TW	Steel Monopole	n/a	n/a	100	0.5	25.101 (C)(5)(A)	
1018947	Odlaw - Uvalde TL Addition (T570) [Asphalt Mines Sub Upgrade - 1018944]	Uvalde, Kinney	Increase transmission service reliability to the Asphalt Mines Substation.	7/18/2022	5/15/2023			\$447,000			0	138	138	26.20	(1) 795 DRAKE ACSS/IMA2	Steel Monopole	Undefined Centerline	26.2	n/a	n/a	25.101 (C)(5)(B)	
1025078	Starcke-Wirtz TL Addition (T654) [Starcke - Wirtz TL Storm Hardening - 1024854]	Burnet	LCRA TSC will perform a Storm Hardening on the 6.7-mile Starcke – Wirtz (T654) 138-kV transmission line.	7/11/2022	5/15/2023		\$6,245,000	\$2,357,000			0	138	138	6.65	(1) 795 ACSSR "Drake"	Steel Monopole	Varies	6.65	n/a	n/a	25.101 (C)(5)(B)	
1023688	Hilltop-Strahan TL Add (T445) [Hilltop - Strahan TL Upgrade - 1023182]	Hays	Increase the reliability of transmission facilities on the T445: Hilltop – Strahan 1.25-mile 138-kV transmission line by upgrading the conductor and increasing the transmission capacity.	9/15/2022	2/15/2023			\$4,877,000			0	138	138	0.82	(1) 1433 ACSS/TW "Merrimack"	Steel Poles	Varies	0.82	n/a	n/a	25.101 (C)(5)(B)	
1024012	Fayetteville - Salem TL Addition (T177/T211) [Fayetteville - Salem Transmission Line Upgrade - 1023804]	Washington, Fayette	Rebuilding of the existing 19.3 Miles 345/138 kV Double Circuit TL T177 & T211 from Fayetteville Substation to the Salem Substation.	7/6/2022	5/15/2023			\$77,800,000			0	139/345 (T177/T211)	139/345 (T177/T211)	19.34/27.45 (T177/T211)	(1) 959.6 ACSS/TW HS "SUWANNEE" (2) 959.6 ACSS/TW HS "SUWANNEE" (T177/T211)	Steel Poles	85-100	19.34/27.45 (T177/T211)	n/a	n/a	25.101 (C)(5)(B)	

LCRA TSC TRANSMISSION MONTHLY CONSTRUCTION PROGRESS REPORT (MCPR) for July 2022																	Public Utility Commission of Texas Project No. <u>52947</u>					
Utility's Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish 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
1023873	Fairland-Lago Vista TL Addition (T414) [Fairland-Lago Vista TL Upgrade - 1023803]	Travis, Burnet	Increase the reliability of transmission facilities on the T414 Fairland – Lago Vista 21-mile 138-kV transmission line by replacing the existing Conдор conductor.	8/1/2022	5/15/2023			\$13,688,000			0	138	138	21.04	(1) 795 ACSR "Drake"	Steel Towers & Galvanized Steel Pole	100	21.04	n/a	n/a	25.101 (C)(5)(B)	
1026437	Eckert-Nebo TL Addition (T126) [Eckert Power Transformer Upgrade - 1025306]	Gillespie	Increase the reliability of substation equipment at the Eckert Substation.	2/6/2024	4/25/2023			\$89,000			0	69	138	0.7	(1) 795 ACSR "Drake"	Steel Poles	100	0.7	n/a	n/a	25.101 (C)(5)(B)	
1026439	Sandstone Mtn-Gillespie TL Addition (T130) [Eckert Power Transformer Upgrade - 1025306]	Gillespie, Llano	Increase the reliability of substation equipment at the Eckert Substation.	2/6/2024	5/11/2023			\$428,000			0	69	138	36.33	(1) 959 SUWANNEE ACSS	Steel H-Frames	100	36.33	n/a	n/a	25.101 (C)(5)(B)	
1025850	Ferguson-Sherwood TL Addition (T187) [Starcke-Wirtz TL Storm Hardening - 1024854]	Burnet	Storm hardening to allow safe and reliable operation during extreme weather events.	7/1/2022	5/15/2024			\$57,000			0	138	138	9.35	(1) 795 ACSR "Drake"	Steel Poles and Lattice Towers	Varies	9.35	n/a	n/a	25.101 (C)(5)(B)	
1025852	Marble F-Granite Mtn TL Addition (T195) [Starcke-Wirtz TL Storm Hardening - 1024854]	Burnet	Storm hardening to allow safe and reliable operation during extreme weather events.	7/1/2022	5/15/2024			\$52,000			0	138	138	4.08	(1) 795 ACSR "Drake"	Steel Poles and Lattice Towers	Varies	4.08	n/a	n/a	25.101 (C)(5)(B)	
1025851	Ferguson-GraniteMtn TL Addition (T378) [Starcke-Wirtz TL Storm Hardening - 1024854]	Burnet	Storm hardening to allow safe and reliable operation during extreme weather events.	7/1/2022	5/15/2024			\$54,000			0	138	138	5.75	(1) 795 ACSR "Drake"	Steel Poles and Lattice Towers	Varies	5.75	n/a	n/a	25.101 (C)(5)(B)	
1026089	Wirtz-Burnet TL Addition (T218) [Starcke-Wirtz TL Storm Hardening - 1024854]	Burnet	Storm hardening to allow safe and reliable operation during extreme weather events.	7/1/2022	5/15/2024			\$52,000			0	138	138	16.08	(1) 795 ACSR "Drake"	Steel Poles and Lattice Towers	Varies	16.08	n/a	n/a	25.101 (C)(5)(B)	
1025012	Buchanan CTEC-Pitsburg TL Addition (T267) [Buchanan (CTEC) - Pitsburg TL Overhaul - 1024836]	Llano County	Overhaul T267 to increase reliability of the structures and conductor	8/4/2022	6/30/2023			\$20,518,000			0	69	69	14.49	(1) 336 4 ACSR "LINNET" (1) 40 ACSR "PENGUIN" (1) 959 6 ACSS/TW/M3A3 "SUWANNEE" (1) 40 ACSR "PENGUIN" (1) 959 6 ACSS/TW/M3A3 "SUWANNEE"	Steel Lattice & Steel Poles	100	14.49	n/a	n/a	25.101 (C)(5)(B)	
1026798	Chief Brady TL Addition (T378) [Chief Brady Substation Upgrade – 1025303]	Williamson	Chief Brady Substation will be upgraded to increase the bus rating and replace equipment identified as obsolete. The substation upgrade will also install Tier 3 Physical Security Measures	10/10/2022	4/3/2023			\$551,800			0	138	138	5.12	795 ASCR Drake, single	Steel H-frames, Steel Poles, Steel Lattice	Varies, 80 - 100	5.12	n/a	n/a	25.101 (C)(5)(B)	
1027302	T336 Fiber Replacement Project [PI Switch-Loop 337 Fiber Restoration - 1027886]	Comal	Replace and restore OPGW fiber on T336	1/10/2022	5/13/2022		\$1,800,000				100	138	138	3.5	(1) 959 6 ACSS/TW/M3A "SUWANNEE"	Concrete Poles	n/a	3.5	n/a	n/a	25.101 (C)(3)	
1024072	Lockhart-Red Rock TL Addition (T578/T184) [Lockhart-Split TL Upgrade - 1023809]	Bastrop, Caldwell	Increase the reliability and capability of transmission facilities on the T184 Lockhart – Luling and T578 Lockhart – Red Rock 5.7-mile 138-kV double-circuit section of transmission line from Lockhart Substation to structure #75 (previously structure #301).	2/1/2023	5/15/2023			\$8,000,000			0	138	138	5.7	(1) 959 6 ACSS/TW/M3A "SUWANNEE"	Steel Poles	85	5.7	n/a	n/a	25.101 (C)(5)(B)	
1023889	Lockhart - Luling TL Addition (T184) [Lockhart-Split TL Upgrade - 1023809]	Bastrop, Caldwell	Increase the reliability and capability of transmission facilities on the T184 Lockhart – Luling and T578 Lockhart – Red Rock 5.7-mile 138-kV double-circuit section of transmission line from Lockhart Substation to structure #75 (previously structure #301).	2/1/2023	5/15/2023			\$8,000,000			0	138	138	5.7	(1) 959 6 ACSS/TW/M3A "SUWANNEE"	Steel Poles	85	5.7	n/a	n/a	25.101 (C)(5)(B)	
1027616	Muldoon-Flatonia TL Addition (T739)[Muldoon Substation Addition - 1024679]	Fayette	New three breaker ring bus substation to provide a 138-kV line termination for a 240 MW solar generation facility.	11/18/2022	3/10/2023			\$207,000			0	138	138	8.6	(1) 959 6 SUWANNEE ACSS/TW	Steel Pole, Steel H-frame	100, Centerline	8.6	n/a	n/a	25.101 (C)(5)(A)	

LCRA TSC
TRANSMISSION MONTHLY CONSTRUCTION PROGRESS REPORT (MCPR)
for
July 2022

Public Utility Commission of Texas
Project No. 52947

Utility's Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish 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
1027817	Muldoon-TV Sir Ranch TL Addition (T740)[Muldoon Substation Addition - 1024879]	Fayette	New three breaker ring bus substation to provide a 138-kV line termination for a 240 MW solar generation facility.	11/18/2022	3/10/2023			\$188,000			0	n/a	138	0.02	(1) 958.8 SUWANNEE ACSS/TW	Steel Pole	n/a	n/a	100	0.02	25.101 (C)(5)(A)	
1024287	Hornsby TL Addition (T511) [Hornsby Substation Addition - 1023852]	Travis	Provide Transmission service to a load serving substation	9/15/2022	4/15/2023			\$75,785,000			0	345	345	57.15	(2) 958.8 SUWANNEE ACSS/TW	Lattice Towers	Varies	57.15	120	0.15	25.101 (C)(5)(A)	
1024549	Hornsby TL Addition (T738) [Hornsby Substation Addition - 10235852]	Austin/Travis	Provide Transmission service to a load serving substation	9/15/2022	4/15/2023			\$75,785,000			0	345	345	14.22	(2) 958.8 SUWANNEE ACSS/TW	Lattice Towers	Varies	14.22	120	0.15	25.101 (C)(5)(A)	
1024783	Brenham-Hwy 38 TL Addition (T488) [Flood Mitigation FY 2022 System Upgrade - 1024588]	Brenham/ Washington	Reduce the risk of erosion and flooding to transmission facilities	10/5/2022	12/22/2022			\$130,000			0	138	138	2.28	(1) 958.8 SUWANNEE ACSS/TW	Concrete H-Frame and Concrete Monopole	75	2.28	n/a	n/a	25.101 (C)(5)(B)	
1024785	Gilleland-Clear Spr TL Addition (T511)[Flood Mitigation FY 2022 System Upgrade - 1024588]	Manor/Travis	Reduce the risk of erosion and flooding to transmission facilities	10/5/2022	12/22/2022			\$2,914,000			0	345	345	71	(2) 958.8 SUWANNEE ACSS/TW	Towers, Poles & H-Frames	120, 125	71	n/a	n/a	25.101 (C)(5)(B)	
1027544	Crane - Upton TL Addition (T441) [Crane East Substation Upgrade - 1026813]	Upton	Install circuit breakers and capacitor banks at Crane East Substation	10/17/2022	5/15/2023			\$5,993,000			0	138	138	27	(1) 1233.8 YUKON/TW/MA2	Steel Pole Dead ends/Delta braced post steel pole tangents	Centerline	27	n/a	n/a	25.101 (C)(5)(B)	

AFFIDAVIT OF NOTICE

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STATE OF TEXAS

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§BEFORE ME, the undersigned authority, on this day personally appeared Sheri Schneider, and being by me duly sworn, upon oath declared that the statements and capacity acted in are true and correct.

“My name is Sheri Schneider. I am an employee of the Lower Colorado River Authority (LCRA). I am over twenty-one years of age, and I am competent to make this Affidavit. I have personal knowledge of the facts contained herein and they are true and correct.

In accordance with P.U.C. Proc. Rule 25.83, on or before July 15, 2022, LCRA Transmission Services Corporation completed a search and mailed notice to:

- (a) notice to owners of land crossed by the existing transmission facility to be modified by Crane – Upton TL Addition, Crane East Substation Upgrade, T-441.

In accordance with P.U.C. Proc. Rule 25.83, on or before July 15, 2022, LCRA Transmission Services Corporation mailed by first class mail:

- (b) notice to ONCOR whose certified service areas are crossed or near the Crane – Upton TL Addition, Crane East Substation Upgrade – T-441.

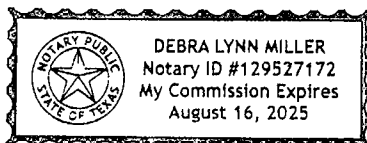
The search for the names of the landowners whose property is crossed by the modified electric transmission facility as described in (a), above, were ascertained by reference maps, and current tax rolls Upton County. The certificated utilities described in b, above, were ascertained by reference to Public Utility Commission's Certified Electric Service Area Boundary Maps and other available maps.

SIGNED on this the 14th day of July 2022

Sheri Schneider

AFFIANT: Sheri Schneider

SWORN TO AND SUBSCRIBED BEFORE ME this the 14th day of July 2022



Debra Lynn Miller
Notary Public in and for the
State of Texas

AFFIDAVIT OF NOTICE

STATE OF TEXAS

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BEFORE ME, the undersigned authority, on this day personally appeared Larry Hendrix, and being by me duly sworn, upon oath declared that the statements and capacity acted in are true and correct.

"My name is Larry Hendrix. I am an employee of the Lower Colorado River Authority (LCRA). I am over twenty-one years of age and I am competent to make this Affidavit. I have personal knowledge of the facts contained herein and they are true and correct.

In accordance with P.U.C. Proc. Rule 25.83, on July 14, 2022, LCRA Transmission Services Corporation provided notice to:

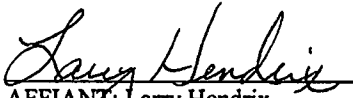
- (a) owner of land crossed by the existing transmission facility to be modified T-739, Muldoon-Flatonia, 138 kilovolt transmission line, Muldoon Substation Addition.

In accordance with P.U.C. Proc. Rule 25.83, on July 14, 2022 LCRA Transmission Services Corporation mailed by first class mail:

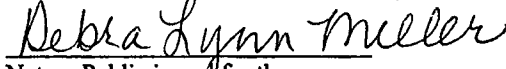
- (b) notice to Bluebonnet Electric Cooperative, whose certificated service area is crossed by the T-739, 138 kilovolt transmission line.

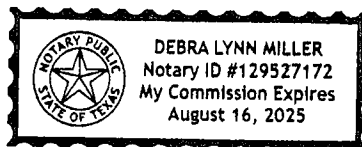
The search for the names of the landowners whose property is crossed by the modified electric transmission facility as described in (a), above, were ascertained by reference maps, and current tax rolls in Fayette County. The certificated utility described in (b) above, was ascertained by reference to Public Utility Commission's Certified Electric Service Area Boundary Maps and other available maps.

SIGNED on this the 13th day of July, 2022.


AFFIANT: Larry Hendrix

SWORN TO AND SUBSCRIBED BEFORE ME this the 13th day of July, 2022.


Notary Public in and for the
State of Texas



AFFIDAVIT OF NOTICE

STATE OF TEXAS

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BEFORE ME, the undersigned authority, on this day personally appeared Larry Hendrix, and being by me duly sworn, upon oath declared that the statements and capacity acted in are true and correct.

"My name is Larry Hendrix. I am an employee of the Lower Colorado River Authority (LCRA). I am over twenty-one years of age and I am competent to make this Affidavit. I have personal knowledge of the facts contained herein and they are true and correct.

In accordance with P.U.C. Proc. Rule 25.83, on July 14, 2022, LCRA Transmission Services Corporation provided notice to:

- (a) owner of land crossed by the existing transmission facility to be modified T-511, Clear Springs Substation to Gilleland Creek Substation, 345 kilovolt transmission line, Flood Mitigation System Upgrade

In accordance with P.U.C. Proc. Rule 25.83, on July 14, 2022 LCRA Transmission Services Corporation mailed by first class mail:

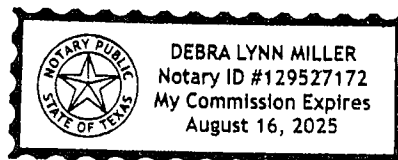
- (b) notice to Bluebonnet Electric Cooperative, whose certificated service area is crossed by the T-511 Clear Springs Substation to Gilleland Creek Substation, 345 kilovolt transmission line.

The search for the names of the landowners whose property is crossed by the modified electric transmission facility as described in (a), above, were ascertained by reference maps, and current tax rolls in Travis County. The certificated utility described in (b) above, was ascertained by reference to Public Utility Commission's Certified Electric Service Area Boundary Maps and other available maps.

SIGNED on this the 13th day of July, 2022.

Larry Hendrix
AFFIANT: Larry Hendrix

SWORN TO AND SUBSCRIBED BEFORE ME this the 13th day of July, 2022.



Debra Lynn Miller
Notary Public in and for the
State of Texas

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"My name is Larry Hendrix. I am an employee of the Lower Colorado River Authority (LCRA). I am over twenty-one years of age and I am competent to make this Affidavit. I have personal knowledge of the facts contained herein and they are true and correct.

In accordance with P.U.C. Proc. Rule 25.83, on July 14, 2022, LCRA Transmission Services Corporation mailed notice and obtained written consent by:

- (a) owner of land crossed by the existing transmission facility to be modified T-511, 345 kilovolt transmission line, Hornsby Substation Addition.

In accordance with P.U.C. Proc. Rule 25.83, on July 14, 2022 LCRA Transmission Services Corporation mailed by first class mail:

- (b) notice to Bluebonnet Electric Cooperative, whose certificated service area is crossed by the, 345 kilovolt, T-511 transmission line

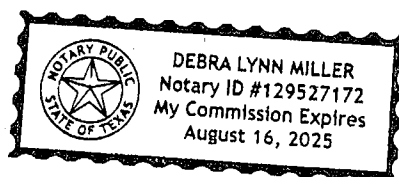
The search for the names of the landowners whose property is crossed by the modified electric transmission facility as described in (a), above, were ascertained by reference maps, and current tax rolls in Travis County. The certificated utility described in (b) above, was ascertained by reference to Public Utility Commission's Certified Electric Service Area Boundary Maps and other available maps.

SIGNED on this the 13th day of July, 2022.

Larry Hendrix
AFFIANT Larry Hendrix

SWORN TO AND SUBSCRIBED BEFORE ME this the 13th day of July, 2022.

Debra Lynn Miller
Notary Public in and for the
State of Texas



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BEFORE ME, the undersigned authority, on this day personally appeared Larry Hendrix, and being by me duly sworn, upon oath declared that the statements and capacity acted in are true and correct.

"My name is Larry Hendrix. I am an employee of the Lower Colorado River Authority (LCRA). I am over twenty-one years of age and I am competent to make this Affidavit. I have personal knowledge of the facts contained herein and they are true and correct.

In accordance with P.U.C. Proc. Rule 25.83, on July 14, 2022, LCRA Transmission Services Corporation completed a search and mailed notice to:

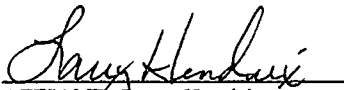
- (a) owners of land crossed by the existing transmission facility to be modified T-468, Brenham Substation to Highway 36 Substation, 138 kilovolt transmission line, Flood Mitigation System Upgrade.

In accordance with P.U.C. Proc. Rule 25.83, on July 14, 2022 LCRA Transmission Services Corporation mailed by first class mail:

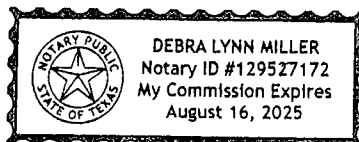
- (b) notice to City of Brenham Utility Services whose certificated service area is crossed by the T-468, Brenham Substation to Highway 36 Substation, 138 kilovolt transmission line.
- (c) notice to Bluebonnet Electric Cooperative whose certificated service area is crossed by the T-468, Brenham Substation to Highway 36 Substation, 138 kilovolt transmission line.

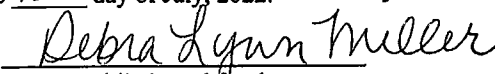
The search for the names of the landowners whose property is crossed by the modified electric transmission facility as described in (a), above, were ascertained by reference maps, and current tax rolls in Washington county. The certificated utilities described in (b and c) above, were ascertained by reference to Public Utility Commission's Certified Electric Service Area Boundary Maps and other available maps.

SIGNED on this the 13th day of July, 2022.


AFFIANT: Larry Hendrix

SWORN TO AND SUBSCRIBED BEFORE ME this the 13th day of July, 2022.




Notary Public in and for the
State of Texas

AFFIDAVIT OF NOTICE

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BEFORE ME, the undersigned authority, on this day personally appeared Larry Hendrix, and being by me duly sworn, upon oath declared that the statements and capacity acted in are true and correct.

"My name is Larry Hendrix. I am an employee of the Lower Colorado River Authority (LCRA). I am over twenty-one years of age and I am competent to make this Affidavit. I have personal knowledge of the facts contained herein and they are true and correct.

In accordance with P.U.C. Proc. Rule 25.83, on July 14, 2022, LCRA Transmission Services Corporation mailed notice and obtained written consent by:

- (a) owner of land crossed by the existing transmission facility to be modified T-740 Muldoon Substation Addition, 138 kilovolt transmission line, Muldoon-7Sir Ranch TL Addition.

In accordance with P.U.C. Proc. Rule 25.83, on July 14, 2022 LCRA Transmission Services Corporation mailed by first class mail:

- (b) notice to Bluebonnet Electric Cooperative, whose certificated service area is crossed by the T-740, 138 kilovolt transmission line.

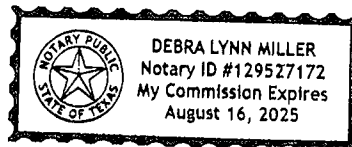
The search for the names of the landowners whose property is crossed by the modified electric transmission facility as described in (a), above, were ascertained by reference maps, and current tax rolls in Fayette County. The certificated utility described in (b) above, was ascertained by reference to Public Utility Commission's Certified Electric Service Area Boundary Maps and other available maps.

SIGNED on this the 13th day of July, 2022.

Larry Hendrix
AFFIANT: Larry Hendrix

SWORN TO AND SUBSCRIBED BEFORE ME this the 13th day of July, 2022.

Debra Lynn Miller
Notary Public in and for the
State of Texas



AFFIDAVIT OF NOTICE

STATE OF TEXAS

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BEFORE ME, the undersigned authority, on this day personally appeared Larry Hendrix, and being by me duly sworn, upon oath declared that the statements and capacity acted in are true and correct.

"My name is Larry Hendrix. I am an employee of the Lower Colorado River Authority (LCRA). I am over twenty-one years of age and I am competent to make this Affidavit. I have personal knowledge of the facts contained herein and they are true and correct.

In accordance with P.U.C. Proc. Rule 25.83, on July 14, 2022, LCRA Transmission Services Corporation mailed notice and obtained written consent by:

- (a) owner of land crossed by the existing transmission facility to be modified T-738, 345 kilovolt transmission line, Hornsby Substation Addition.

In accordance with P.U.C. Proc. Rule 25.83, on July 14, 2022 LCRA Transmission Services Corporation mailed by first class mail:

- (b) notice to Bluebonnet Electric Cooperative, whose certificated service area is crossed by the 345 kilovolt, T-738 transmission line.

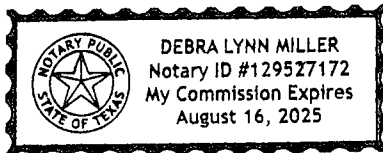
The search for the names of the landowners whose property is crossed by the modified electric transmission facility as described in (a), above, were ascertained by reference maps, and current tax rolls in Travis County. The certificated utility described in (b) above, was ascertained by reference to Public Utility Commission's Certified Electric Service Area Boundary Maps and other available maps.

SIGNED on this the 13th day of July, 2022.

Larry Hendrix
AFFIANT: Larry Hendrix

SWORN TO AND SUBSCRIBED BEFORE ME this the 13th day of July, 2022.

Debra Lynn Miller
Notary Public in and for the
State of Texas



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