Filing Receipt

Filing Date - 2023-05-15 11:40:30 AM

Control Number - 54468

Item Number - 130

LCRA TSC's
TRANSMISSION MONTHLY CONSTRUCTION PROGRESS REPORT (MCPR)
for
May 2023

Public Utility Commission of Texas
Project No. 54468

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
1017340	Cook Fork TL Addition (CON)	Bandera	Construct a new 138-kV transmission line to provide a transmission point of interconnection to a new load serving substation	7/1/2020	8/30/2021	6/30/2021	Trans $25.5 - 34.1M; Substation $6.1 - 6.7M				100	0	138	15.30	2x1-795 ACSR "Drake"	TSP, Poles and/or H-frames	0	0	Varies; 100	17.93	47050	8/17/19 - PUC Approved Route 12; approved route cost estimate in CCN application for transmission line $29M; substation $6.2M
1017397	Mountain Home TL Addition (CON)	Kerr, Gillespie	Construct a new 138-kV transmission line to provide a transmission point of interconnection to a new load serving substation	5/25/2021	12/24/2022		Trans $46.5 - $50.5M; Substation $7.0 - $7.5M				100	0	138	21.29	795 kcmil 26/7 ACSR "Drake"	Steel and/or concrete poles	0	0	varies; 100	21.29	49523	9/9/21 - PUC Approved Route Hunt 3(A); approved route cost estimate in CCN application for transmission line $24M
1018112	Zorn - Fedey RJ TL Addition (T150) [Luling Zorn TL Overhaul - 1019113]	Guadalupe	Increase the reliability of transmission facilities on the T370 Schulenburg - Glidden 2025	1/30/2020	3/31/2021	3/6/2021		$7,223,000			100	138	138	23.02	795 ACSR Drake	Concrete and Steel poles	100	23.02	n/a	23.02	25.101 (c)(5)(B)	
1019235	T271 TL Addition (T271) Pinnacle Substation Addition - 1019037	Culberson	LCRA TSC will build a new substation (Pinnacle) adjacent to T371 to interconnect the new 106.1 MW solar generation facility. Replace transmission structures to allow for substation cut-in and upgrade conductor and OPGW.	10/30/2020	10/7/2020	10/17/2020		$10,800,000			100	69	138	18.1	Single 1400 ACSS/TW Merrimack	Steel monopole	100	18.1	100	n/a	25.101 (c)(5)(B)	
1023677	Asherton - Pewo TL Addition (T600) Asherton - Pewo TL Relocation - 1023632	Dimmit	Relocate dead end structure #1 on the T600 Pewo to Asherton 138 kV transmission line to outside of the AEP owned Asherton Substation. Relocate and terminate T600 to a new point-of-interconnection (POI) structure owned by AEP and installed by AEP outside of the Asherton Substation	3/7/2022	4/1/2022	4/1/2022		$447,000	$520,916	17%	100	138	138	0.05	(1) 795 Drake ACSS	Steel monopole	AEP owned	AEP owned	AEP owned	AEP owned	25.101 (c)(5)(B)	
1023658	Gnarold - Glasscock 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 the existing CBs at Gabriel Substation	5/30/2021	5/18/2022	5/18/2022		$361,000	$353,715	-2%	100	138	138	5.59	Single 795 ACSR Drake	Steel Pole	80	5.59	n/a	n/a	25.101 (c)(5)(B)	
1024173	Gabriel - Jarrell TL Addition (T216) [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 the existing CBs at Gabriel Substation	10/13/2021	5/18/2022	5/18/2022		$1,000,000	$1,051,754	+5%	100	138	138	1.36	Single 795 ACSR Drake	Steel Pole	80	1.36	n/a	n/a	25.101 (c)(5)(B)	
1024172	Gabriel - Georgetown Tap TL Addition (T293) 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 the existing CBs at Gabriel Substation	3/1/2022	5/18/2022	5/18/2022		$1,083,000	$1,082,131	0%	100	138	138	1.26	Single 795 ACSR Drake	Steel Pole	80	1.26	n/a	n/a	25.101 (c)(5)(B)	
1023657	Gabriel - Avery TL Addition (T164) [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 the existing CBs at Gabriel Substation	5/19/2021	5/18/2022	5/18/2022		$361,000	$380,944	5%	100	138	138	2.43	Bundled 795 ACSR Drake	Steel Pole	Varies	2.43	n/a	n/a	25.101 (c)(5)(B)	
1024128	Sherwood Shores - Colorado TL Addition (T305) [Colorado-Sherwood Shores TLSH - 1024111]	Burnet	Increase the reliability of circuit T305 on the Colorado - Sherwood Shores 12.1 mile 138 kV transmission line	9/15/2021	5/17/2022	5/17/2022		$12,415,000	$15,558,771	25%	100	138	138	12.15	Single 795 Drake ACSR	Steel Pole/Steel Lattice	Centerline	12.15	n/a	n/a	25.101 (c)(5)(B)	
1021970	T728 Motorman-Upton TL Addition (T728) [Motorman Substation Addition - 1021561]	[illegible]	Construct a 3 breaker ring bus cut in to the existing T441 Crane East to Upton 138-kV transmission line.	3/7/2022	6/3/2022	6/29/2022		$379,000			100	138	138	17.67	1033.5 Yukon ACSS/TW & Single	Concrete Pole	Centerline; 80	17.67	Centerline; 80	n/a	25.101 (c)(5)(A)	
1023739	T441 LCRA Crane Motorman TL Addition (T441) [Motorman Substation Addition - 1021561]	[illegible]	Construct a 3 breaker ring bus cut in to the existing T441 Crane East to Upton 138-kV transmission line	3/7/2022	6/3/2022	6/29/2022		$16,000			100	138	138	12.16	1033.5 Yukon ACSS/TW & Single	Concrete Pole	Centerline; 80	10.14	Centerline; 80	n/a	25.101 (c)(5)(A)	
1022121	T535 TL Addition [LCRA Fiber Backbone FY21 - 1021196]	Burnet, Llano	Increase the reliability of the fiber network by replacing deteriorated OPGW and All Dielectric Self Supporting (ADSS) fiber to improve the communications system reliability	9/15/2021	5/6/2022	5/6/2022		$381,000			100	138	138	12.15	Single 795 ACSR Drake	Steel Monopole	Centerline	12.15	n/a	n/a	25.101 (c)(5)(B)	
1024192	Gilleland - Silicon Hill TL Addition (T316) [Gilleland Creek Circuit Breaker Addition - 1024105]	Travis	Upgrade 138-kV bay to breaker and a half to accommodate new circuit termination	1/2/2021	5/30/2022	5/13/2022		$388,000	$252,132	33%	100	138	138	0.01	795 ACSR	Steel DE Monopole	80	n/a	30'	n/a (POI)	25.101 (c)(5)(A)	
1020053	Clear Fork-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 8.3 mile 69-kV transmission line.	11/15/2021	4/19/2022	4/19/2022		$7,550,000			100	69	138	0.75	(2)959 kcmil ACSS/TW/HS "Suwannee"	Steel Monopole	Centerline	0.75	100	0.75	25.101 (c)(5)(B)	ROW per Easement; Enhancement FY19 System Upgrade - 1016830
1023652	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 3.96 mile 138 kV transmission line by upgrading the conductor and increasing the transmission capacity.	9/13/2021	3/30/2022	5/10/2022		$3,300,000			100	138	138	1.97	3x1 – 1033.5 ACSS/TW "Merrimack"	Steel Pole	Varies	1.97	n/a	n/a	25.101 (c)(5)(B)	
1020080	TurtleCreek-VerdeCreek TL Addition (T221) [Turtle Crk-Verde Crk TL OH - 1020857]	Kerr	Increase the reliability of transmission facilities on the T221 Turtle Creek – Verde Creek 10.3 mile 138-kV transmission line.	6/1/2021	3/26/2022	3/26/2022		$9,051,000	$7,151,300	-19%	100	138	138	10.36	Single 795 ACSR "Drake" & DNO-11541 OPGW & 3/8 EHS Static Wire	Steel Monopole	100' Wood & Double	10.33	n/a	n/a	25.101 (c)(5)(B)	
1024943	[illegible] TL Addition (T110) Mulberry Substation Addition - 1027673	[illegible]	New three breaker ring bus substation to provide a 138-kV line termination for a 210 MW solar generation facility	11/10/2020	1/13/2023	1/13/2023		$3,400,000			100	138	138	11.07	(1) 959 kcmil ACSS/TW "Suwannee" (1) DNO-11243 (1) 3/8" EHS & (1) 3/8" IG	Steel poles, H frames, lattice tower	100	19.64	n/a	n/a	25.101 (c)(5)(A)	
1020123	Magnolia Mercer Luling TL Addition (T701) [Magnolia Mercer CB Addition - 1019915]	Caldwell	Increase the reliability of substation equipment at the Magnolia Mercer Substation	10/1/2021	2/21/2022	1/27/2022		$188,000	$125,650	33%	100	69	138	15.83	(1) 795 ACSR 26/7 AZ "Drake" Conductor (1) DNO-11213 Shield Wire	Wood H-frame, Tower	Centerline	15.83	n/a	n/a	25.101 (c)(5)(B)	

Justin Stryker
Sr. Regulatory Affairs Case Manager
P.O. Box 220 Mailstop DSC D140
Austin, TX 78767
justin.stryker@lcra.org

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
1019170	Luling Mercer TL Addition (T[illegible]) [Magnolia Mercer CB Addition - 1018915]	Caldwell	Increase the reliability of [illegible] at the Magnolia Mercer Substation	10/1/2021	4/21/2022	4/21/2022		$557,000	$630,315	13%	100	69	69	15.03	(1) 795 ACSR "Tern" Conductor (1) 2/0 ACSR "Penguin" Static Wire	Tower	Centerline	15.03	n/a	n/a	25.101 (c)(5)(B)	
1019301	Schulenburg Glidden TL Addition (T378) [LCRA TSC FIBER BUILD OUT FY19 - 1019097]	Fayette, Colorado	Increase the reliability and capacity of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment.	1/1/2021	3/25/2022	3/25/2022		$3,500,000	$5,411,050	45%	100	138	138	7.57	(1) 795 ACSR "Drake" (1) DNO-11243 (1) 3/8" EHS STEEL	Steel, Concrete and Hybrid Monopoles	Blanket, 80	7.57	n/a	7.57	25.101 (c)(5)(B)	
1023540	Weimar Glidden TL Addition (T016) [LCRA TSC Fiber Build Out FY19 - 1019097]	Colorado	Increase the reliability and capacity of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment.	3/15/2022	3/30/2023			$3,648,000			60	138	138	12.06	(1) 795 ACSR "Drake" (1) DNO-11243 (1) 3/8" EHS STEEL	Steel, Concrete and Hybrid Monopoles	Blanket, 80	12.06	n/a	12.06	25.101 (c)(5)(B)	
1021827	Cedar Canyon [illegible] BESS TL Addition (T741) [Cedar Canyon Circuit Breaker Addition - 1027673]	Irion, Crockett	This project provides a point of interconnection for a new 50.6 MW Battery Energy Storage [illegible] 345-kV Cedar Canyon Substation by adding a new bay into a double bus/double breaker configuration [illegible]	2/1/2022	5/2/2022	5/2/2022		$700,000	$497,120	-29%	100	n/a	345	<1mi	Bundled 959 Suwannee	Steel Monopole	n/a	n/a	200 x 200 plot	200 X 200 plot	25.101 (c)(5)(A)	
1023353	King Mountain - Crane III TL Addition (T732) [King Mountain Substation Upgrade - 1020073]	Crane	Provide transmission service to a generator. Add a 138-kV bay and associated circuit breaker to the existing substation.	12/1/2021	5/15/2023			$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)	
1020050	San Marcos Robert Brown TL Addition (T200) [Robert Brown to San Marcos TL Overhaul 1020360]	Hays, Caldwell	Increase the reliability and capability of circuit T200 on the Robert Brown to San Marcos 4.9-mile 69-kV transmission line.	4/13/2022	7/29/2022			$5,107,000			100	69	138	4.9	(2) 959.6 ACSS/TW/HS "Suwannee" (2) 959.6 T13 ACSS/TW/[illegible] (1) [illegible] DNO-11243	Steel Monopole	Varies	4.9	100	4.9	25.101 (c)(5)(B)	
1019323	Flatonia Schulenburg TL Addition (T112) [LCRA TSC Fiber Build Out FY19 - 1019097]	Fayette	Increase the reliability and capacity of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment	12/1/2021	5/26/2023			$7,300,000			65	138	138	11.59	(1) 795 ACSR "Drake"	Steel Poles	100 CL Blanket	11.52	n/a	n/a	25.101 (c)(5)(B)	
1026970	Colorado-Buchanan TL Addition (T107) [FY22 [illegible] T107 Colorado Buchanan Rep - 1026972]	Burnet	Replace existing OPGW on T107 between STRs [illegible] and install underground fiber from STR#130A to Buchanan Plant with updated 72 count standard all dielectric fiber cable.	10/1/2021	4/6/2022	4/6/2022		$246,000	$141,443	-43%	100	69	69	2.35	(1) 795 ACSR Drake	Lattice/Hybrid	Mostly 100CL/100 Blanket	2.35	n/a	n/a	25.101 (c)(5)(B)	
1021711	HiCross-Marshall Ford TL Addition (T143) [HiCross Marshall Ford Transmission Line Relocation 1024503]	Travis	Relocate LCRA TSC's [illegible] on the T143 HiCross - Marshall Ford 138-kV transmission line that cross Austin Energy (AEN) [illegible]	5/1/2023	12/15/2023			$1,615,000			0	138	138	15.5	(1) 1400.6 ACSS/TW Merrimack	Steel Poles, Steel H-frames, Lattice Towers	100	16.5	n/a	n/a	25.101 (c)(5)(B)	
1025540	Kendall-Mountain Top TL Addition (T045) [Kendall - Mountain Top Fiber Restoration and Upgrade 1025320]	Blanco, Kendall	Upgrade the [illegible] 512 Optical Ground Wire (OPGW) between Kendall Substation (S241) and Mountaintop (MTC) Substation (S258) to improve reliability and capacity of the [illegible] ERCOT Fiber Route	3/7/2022	4/29/2022	4/27/2022		$4,562,000			100	138	138	40.62	(1) 1400.6 ACSS/TW Merrimack	Steel Pole	100 Centerline	40.62	n/a	n/a	25.101 (c)(5)(B)	The Costs associated with this project [illegible] Equipment [illegible] Improvement Project
1025033	Hunt-Ingram [illegible] TL Addition (T407/T521) [Hunt - Ingram TL Storm Hardening 1023313]	Kerr	LCRA TSC will perform a Storm Hardening on structures and conductors on the 3.4-mile Hunt - Ingram (T407) transmission line	6/22/2022	5/15/2023			$11,900,000			70	138	138	4.40	(1) 959.6 ACSS SUWANNEE	Steel Monopole	Varies 80-100	4.40	n/a	n/a	25.101 (c)(5)(B)	
1026028	[illegible] TL Addition (T060) [Harper Road - Jack Furman TL Storm Hardening 1024042]	Kerr	LCRA TSC will perform a Storm Hardening on structures and conductors on the [illegible]-mile [illegible] transmission line	8/22/2022	1/8/2023	1/18/2023		$2,600,000			95	138	138	2.61	(1) 959.6 ACSS SUWANNEE	Steel Monopole	Varies (100, 80, 20)	2.67	n/a	n/a	25.101 (c)(5)(B)	
1026059	Ingram Jack Furman Storm Hardening TL Addition (T521) [Ingram - Jack Furman TL Storm Hardening 1021812]	Kerr	LCRA TSC will perform a Storm Hardening on structures and conductors on the [illegible] transmission line	6/22/2022	2/15/2023			$3,000,000			90	138	138	1.35	(1) 959.6 ACSS SUWANNEE	Steel Monopole	Varies	1.35	n/a	n/a	25.101 (c)(5)(B)	

Justin Stryker
Sr. Regulatory Affairs Case Manager
P.O. Box 220, Mailstop DSC D140
Austin, TX 78767
justin.stryker@lcra.org

LCRA TSC's
TRANSMISSION MONTHLY CONSTRUCTION PROGRESS REPORT (MCPR)
for
May 2023

Public Utility Commission of Texas
Project No. 54468

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
1026038	Buchanan-Burnham (CTEC) TL Addition (T103) [Burnham (CTEC) - Buchanan TL Overhaul - 1024035]	Llano County	Increase reliability of the structures and conductor	2/14/2022	6/30/2023			$7,600,000			100	69	69	2.6	(1) 336.4 ACSS/TW NFT (1) 336.4 ACSS/TW NFT	Steel Lattice Tower/Steel Monopole	MSS/100	2.6	n/a	n/a	25.101 (c)(5)(B)	
1025479	Bakersfield Substation Addition [Bakersfield-Big Hill TL Addition - 1024034]	Pecos County	Upgrade substation equipment to interconnect another TSP's 345-kV circuit from Big Hill to Bakersfield	11/20/2021	8/15/2023			$593,000			95	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 - 1024034]	Crockett County	Upgrade substation equipment to interconnect another TSP's 345-kV circuit from Big Hill to Bakersfield	5/1/2022	3/15/2024			$551,000			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 - 1024034]	Crockett County	Upgrade substation equipment to interconnect another TSP's 345-kV circuit from Big Hill to Bakersfield	6/1/2022	10/31/2023			$730,000			60	345	345	n/a	n/a	A-Frame	n/a	n/a	n/a	n/a	25.101 (c)(5)(B)	
1025507	Schleicher Draw Substation Addition [Bakersfield-Big Hill TL Addition - 1024034]	Schleicher County	Upgrade substation equipment to interconnect another TSP's 345-kV circuit from Big Hill to Bakersfield	5/1/2022	9/15/2023			$960,000			80	345	345	n/a	n/a	A-Frame	n/a	n/a	n/a	n/a	25.101 (c)(5)(B)	
1025510	Big Hill Substation Addition [Bakersfield-Big Hill TL Addition - 1024034]	Schleicher County	Upgrade substation equipment to interconnect another TSP's 345-kV circuit from Big Hill to Bakersfield	6/1/2022	8/15/2023			$1,330,000			60	345	345	n/a	n/a	A-Frame	n/a	n/a	n/a	n/a	25.101 (c)(5)(B)	
1026153	Austrop-Garfield TL Addition (T109) [TL Clearance Mitigation FY22 - 1025613]	Bastrop	Strengthen structures to support clearance mitigation	3/29/2022	5/10/2023	5/10/2023		$375,000			100	345	345	3.51	(2) 795 DRAKE ACSR	Lattice Tower	170	3.32	n/a	n/a	25.101 (c)(5)(B)	
1026154	Garfield-Lytton Springs TL Addition (T362) [TL Clearance Mitigation FY23 - 1025613]	Bastrop	Strengthen structures to support clearance mitigation	3/29/2022	5/10/2023	5/10/2023		$175,000			100	345	345	12.91	(2) 795 DRAKE ACSR	Lattice Tower	170	12.91	n/a	n/a	25.101 (c)(5)(B)	
1026155	Lytton Springs-Zorn TL Addition (T246) [TL Clearance Mitigation FY22 - 1025613]	Bastrop	Strengthen structures to support clearance mitigation	3/29/2022	5/10/2023	5/10/2023		$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 (T130) [TL Clearance Mitigation FY23 - 1025613]	Bastrop	Strengthen structures to support clearance mitigation	3/29/2022	5/15/2023	5/10/2023		$175,000			100	345	345	40.75	(2) 795 DRAKE ACSR	Lattice Tower	170	40.75	n/a	n/a	25.101 (c)(5)(B)	
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	1/12/2022	5/16/2023	5/16/2023		$105,000			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-Delhi 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	5/16/2023	5/16/2023		$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)	
1026827	Bluestem-Thompsonville (T145) 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	5/16/2023	5/16/2023		$135,000			100	138	138	8.27	(1) 795 DRAKE ACSR	Steel Monopole	100	8.27	n/a	n/a	25.101 (c)(5)(A)	
1020082	Lockhart - Red Rock TL Addition (T526) [Lockhart - Red Rock TL Overhaul - 1020081]	Bastrop, Caldwell	Increase the reliability of transmission facilities on the 16.73 ... structure #301 - Red Rock ... 138-kV transmission line	1/1/2021	8/15/2023			$10,500,000			90	138	138	17.1	(1) 959.6 ACSS/TW MAGIC/TW NFT	Steel Monopole	100	17.1	n/a	n/a	25.101 (c)(5)(B)	

Justin Stryker
Sr. Regulatory Affairs Case Manager
P.O. Box 220 Mail stop DSC D140
Austin, TX 78767
justin.stryker@lcra.org

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
1026459	Gonzales-Lockhart TL Addition (T542) [Gonzales-Lockhart TL Overhaul - 1020411]	Gonzales, Dewitt	Total overhaul and rebuild of the 15.1 mile section. Replace wood structures with concrete and steel structures and 795 ACSR "Drake" and OPGW fiber	9/1/2022	2/6/2023	2/6/2023		$27,800,000			100	69	69	33.1	(1) 2/0 QUAIL ACSR (1) 795 DRAKE ACSR	Steel Monopole	Blanket, Varies	33.1	n/a	n/a	25.101 (c)(5)(B)	
1027378	Schkade Fiber TL Addition (T239) [SA FY22-Schkade Fiber Add-1027376]	Tom Green	Replace existing telecom systems used for transmission protection functionality at Schkade Substation	5/2/2022	1/13/2023			$100,000	$69,542	-31%	100	138	138	13.02	(1) 795 ACSR "DRAKE"	Steel Pole	Centerline, 60	13.02	n/a	n/a	25.101 (c)(5)(B)	
1021737	Bastrop W Split TL Addition (T410) [Bastrop West Split T410 TL SH - 1021574]	Bastrop	Storm hardening to allow safe and reliable operation during extreme weather events.	7/1/2022	7/28/2023			$3,807,000			85	138	138	2.57	(1) 959.6 ACSS/TW/MA3 "SUWANNEE"	Steel Poles	Centerline, 100	2.57	n/a	n/a	25.101 (c)(5)(B)	
1024720	Sim Gideon - Tahitian Village TL Addition (T843) Phase 1 [Sim Gideon - Tahitian Village TL Storm Hardening - 1027600]	Bastrop	Phase 1: Storm Hardening of T843 from the Bastrop Split (old STR#27) to Sim Gideon	7/1/2023	12/31/2023			$9,400,000			10	138	138	5.05	(1) 959.6 ACSS/TW/MA3 "SUWANNEE"	Steel Pole	Varies - 100, 150, 200	5.05	n/a	n/a	25.101 (c)(5)(B)	
1028635	BW Split-Tahitian Village TL Addition (T843) Phase 2 [Sim Gideon-Tahitian Village TL SH - 1021600]	Bastrop	Phase 2 Storm Hardening of T843 from the Bastrop Split (old STR#27) to Tahitian Village	7/1/2022	12/30/2022			$1,263,000			100	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)	Project work split into two phases - both projects were modeled and reported on February 2023 MCPR
1025010	BW Split Sim Gideon TL Addition (T110) [Sim Gideon - Tahitian Village TL Storm Hardening - 1027600]	Bastrop	Storm hardening to allow safe and reliable operation during extreme weather events	7/1/2022	4/30/2023			$3,464,000			10	138	138	4.37	(1) 959.6 ACSS/TW/MA3 "SUWANNEE"	Steel Pole	Varies - 100, 150, 200	4.37	n/a	n/a	25.101 (c)(5)(B)	
1028978	Lockhart-Luling TL Addition (T104) [Lockhart Luling TL Overhaul - 1022300]	Bastrop, Caldwell	Increase the reliability of transmission facilities on the T104 Lockhart structure 0501 - Luling 10.8 mile 138 kV transmission line	1/1/2023	12/6/2023			$1,183,000			80	138	138	11.1	3X1 795 ACSR Drake	Wood H Frame	85 & 100	11.1	n/a	n/a	25.101 (c)(5)(B)	
1027680	Seiders Substation Addition Ph 1 [Seiders Substation Addition-1027368]	Bastrop, Travis	Construct a temporary hard tap on the LCRA TSC's T171 Austrop to Sim Gideon and T201 Bastrop to Webberville transmission lines	4/24/2023	5/15/2023			$1,390,000			10	(T171)(T201) 138	(T171)(T201) 138	(T171) 15.61 & (T201) 12.67	(T171)(T201) 795 DRAKE ACSR (1)	(T171)(T201) Towers & Tower Poles	(T171)(T201) 125	(T171) 15.61 & (T201) 12.67	n/a	n/a	25.101 (c)(5)(B)	
1021727	Anhalt-Bergheim TL Add (T480) [Anhalt-Bergheim Transmission Line Upgrade 1024578]	New Braunfels, Comal	This project will increase the reliability of the transmission facilities by replacing the aging conductor	6/9/2027	12/1/2027			$9,169,000			0	138	138	7.7	(2) 959.6 Suwannee/ACSS/TW/HS	Steel Monopole	100	7.7	n/a	n/a	25.101 (c)(5)(B)	
1024720	Anhalt Flyover-Bergheim TL Add (T386) [Anhalt-Bergheim Transmission Line Upgrade 1024578]	New Braunfels, Comal	This project will increase the reliability of the transmission facilities by replacing the aging conductor	11/20/2023	12/1/2024			$47,554,000			0	138	138	7.17	(2) 1410.6 Merrimack/ACSS/TW/HS	Steel Monopole	100	7.17	n/a	n/a	25.101 (c)(5)(B)	
1021735	Hays Energy-Henne Split Structure TL Addition (T388) [Hays Energy Henne Split Transmission Line Upgrade 1024587]	Hays, Comal	This project will increase the reliability of the transmission facilities by replacing the aging conductor	11/28/2022	12/1/2023			$33,703,000			80	138	138	5.87	(2) 1410.6 Merrimack/ACSS/TW/HS	Steel Monopole	100	5.87	n/a	n/a	25.101 (c)(5)(B)	
1024740	Henne Split Structure River Oaks Flyover TL Add (T386) [Henne-River Oaks Transmission Line Upgrade - 1027683]	Comal	This project will increase the reliability of the transmission facilities by replacing the aging conductor	11/20/2023	12/1/2032			$9,713,000			10	138	138	2.30	(2) 1236.6 Merrimack/ACSS/TW/HS	Steel Monopole	100	2.30	n/a	n/a	25.101 (c)(5)(B)	
1021738	Henne-River Oaks (T386) TL Addition [Henne River Oaks Transmission Line Upgrade 1024587]	Comal	This project will increase the reliability of the transmission facilities by replacing the aging conductor	6/1/2022	12/1/2023			$17,057,000			10	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)	
1024740	River Oaks Flyover-Hwy 46 Flyover TL Add (T389) [Highway 46-River Oaks Transmission Line Upgrade - 1027683]	Comal	This project will increase the reliability of the transmission facilities by replacing the aging conductor	6/1/2022	12/1/2032			$45,392,000			0	345	345	1.64	(2) 1236.6 Merrimack/ACSS/TW/HS	Steel Monopole	100	1.64	n/a	n/a	25.101 (c)(5)(B)	

Justin Stryker
Sr. Regulatory Affairs Case Manager
P.O. Box 220 Mailstop DSC D140
Austin, TX 78767
justin.stryker@lcra.org

LCRA TSC's
TRANSMISSION MONTHLY CONSTRUCTION PROGRESS REPORT (MCPR)
for
May 2023

Public Utility Commission of Texas
Project No. 54468

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
1021725	River Oaks-Hwy 46 TL Addition (T510) [Highway 46 - River Oaks Transmission Line Upgrade - 1024551]	Comal	This project will increase the reliability of the transmission facilities by replacing the aging conductor.	8/1/2022	12/1/2022			$3,185,000			0	138	138	3.61	(1) 959.6 Suwannee ACSS/TW/HS	Steel Monopole	100	3.62	n/a	n/a	25.101 (c)(5)(B)	
1027017	Clear Springs Cir Bkr Add (T462) TL OH 1027017 [Clear Springs Generator Circuit Breaker Addition - 1025813]	Seguin, Guadalupe	Upgrade the (3412) Clear Springs Substation to facilitate an interconnection project.	7/18/2022	10/01/2024			$1,073,000			47	n/a	138	1.10	(1) 959.6 ACSS Suwannee	Steel Monopole	Substation property & ROW 100' x 100' lots	Substation property	100 x 100 lots	100 x 100 lots	25.101 (c)(5)(A)	
1021125	Crane Sub Add [Crane Circuit Breaker Addition - 1021215]	Crane, Crane	Provide transmission service to the Crane Substation.	7/1/2022	12/31/2022			$1,185,000			0	n/a	138	0.50	(1) 1218.8 Muskrat ACSS/TW	Steel Monopole	n/a	n/a	100	0.5	25.101 (c)(5)(A)	
1010947	Oclaw - Uvalde TL Addition (T370) [Asarco Mines Sub Upgrade - 1010944]	Uvalde, Kinney	Increase transmission service reliability to the Asarco Mines Substation.	6/15/2022	12/30/2023			$447,000			0	138	138	26.20	(1) 795 DRAKE ACSS/MA2	Steel Monopole	Undefined Remaining	26.2	n/a	n/a	25.101 (c)(5)(B)	
1026073	Starcke-Wirtz TL Addition (T654) [Starcke - Wirtz TL Storm Hardening - 1023551]	Burnet	Phase 1 - Perform storm hardening on the Starcke – Wirtz (T654) transmission line from Starcke Substation to current STR#80	7/1/2022	5/16/2023	5/16/2023		$5,651,000			85	138	138	5.85	(1) 795 ACSR "Drake"	Steel Monopole	Varies	5.85	n/a	n/a	25.101 (c)(5)(B)	
1029101	Starcke Wirtz T654 TL Add Ph 2 - 1029101 [Starcke - Wirtz TL Storm Hardening - 1024054]	Burnet	Phase 2 - Perform storm hardening on the Starcke – Wirtz (T654) from current STR#80 to Wirtz Substation	7/1/2022	5/15/2024			$10,610,000			0	138	138	5.65	(1) 795 ACSR "Drake"	Steel Monopole	Varies	5.65	n/a	n/a	25.101 (c)(5)(B)	Project was split into two phases. Entire circuit was noticed and reported in April 2022 MCPR
1023635	Hilltop-Strahan TL Add (T445) [Hilltop - Strahan TL Upgrade - 1023192]	Hays	Increase the reliability of transmission facilities on the T445 Hilltop - Strahan 1.85-mile 138-kV transmission line by upgrading the conductor and increasing the transmission capacity.	9/1/2022	5/16/2023	1/20/2023		$2,677,000			93	138	138	0.82	(1) 1400 ACSS/TW "Merrimack"	Steel Poles	Varies	0.82	n/a	n/a	25.101 (c)(5)(B)	
1024012	Fayetteville - Salem TL Addition (T177) [Fayetteville - Salem Transmission Line Upgrade - 1023014]	Washington, Fayette	Rebuilding of the existing 19.3 Miles 345/138 kV Double Circuit TL T177 & T211 from Fayetteville Substation to the Salem Substation.	7/5/2022	5/15/2023			$77,000,000			95	138	138	19.34	(1) 959.6 ACSS/TW/HS "SUWANNEE"	Steel Poles	85-100	19.34	n/a	n/a	25.101 (c)(5)(B)	
1021013	FPP Yard - Salem TL Addition (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.	7/5/2022	5/16/2023			$62,519,000			95	345	345	27.15	959.6 ACSS/TW/HS "SUWANNEE"	Steel Poles	85-100	27.15	n/a	n/a	25.101 (c)(5)(B)	
1029070	Fairland - Lago Vista TL Addition (T114) [Fairland - Lago Vista TL Upgrade 1029000]	Travis, Burnet	Increase the reliability of transmission facilities on the T114 Fairland - Lago Vista 21-mile 138-kV transmission line by replacing the existing Condor conductor.	6/1/2022	5/15/2023			$33,962,000			90	138	138	21.04	(1) 795 ACSS "Drake"	Steel Towers & Galvanized Steel Pole	100	21.04	n/a	n/a	25.101 (c)(5)(B)	
1026137	[illegible] TL Addition (T133) [Eckert Power Transformer Upgrade - 1025306]	Gillespie	Increase the reliability of substation equipment at the Eckert Substation.	3/23/2023	2/17/2024			$58,000			0	69	138	0.7	(1) 795 ACSR "Drake"	Steel Poles	100	0.7	n/a	n/a	25.101 (c)(5)(B)	
1026409	Sandstone Mtn Gillespie TL Addition (T130) [Eckert Power Transformer Upgrade - 1025306]	Gillespie, Llano	Increase the reliability of substation equipment at the Eckert Substation.	1/3/2023	4/17/2024			$490,000			0	69	138	16.33	(1) 959.6 SUWANNEE ACSS	Steel H-Frame	100	16.30	n/a	n/a	25.101 (c)(5)(B)	
1026650	Ferguson-Sherwood TL Addition (T107) [Starcke Wirtz TL Storm Hardening - 1023551]	Burnet	Storm hardening to allow safe and reliable operation during extreme weather events.	7/1/2022	5/16/2024			$57,000			60	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)	
1026052	Marble Falls - Granite Mtn TL Addition (T156) [Starcke-Wirtz TL Storm Hardening - 1024054]	Burnet	Storm hardening to allow safe and reliable operation during extreme weather events.	7/1/2022	1/5/2023	1/5/2023		$53,000			100	138	138	4.00	(1) 795 ACSR "Drake"	Steel Poles and Lattice Towers	Varies	4.00	n/a	n/a	25.101 (c)(5)(B)	

Justin Stryker
Sr. Regulatory Affairs Case Manager
P.O. Box 220 Mailstop DSC D140
Austin, TX 78767
justin.stryker@lcra.org

LCRA TSC's
TRANSMISSION MONTHLY CONSTRUCTION PROGRESS REPORT (MCPR)
for
May 2023

Public Utility Commission of Texas
Project No. 54468

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
1029051	Ferguson GraniteMtn TL Addition Ph 1 (T378) [Starcke-Wirtz TL Storm Hardening - 1024354]	Burnet	Phase 1 - Perform storm hardening on the Granite Mountain - Wirtz (T378) transmission line from Granite Mountain to structure 51-7092.	7/1/2022	2/16/2023	2/16/2023		$1,541,000			100	138	138	5.75	(1) 795 ACSS "Drake"	Steel Poles and Lattice Towers	Varies	5.75	n/a	n/a	25.101 (C)(5)(B)	
1029180	Ferg GranMtn TL Addition (T378) Ph 2 [Starcke-Wirtz TL Storm Hardening - 1024354]	Burnet	Phase 2 - Perform storm hardening on the Granite Mountain Wirtz (T378) transmission line from STR#93 to Wirtz Substation.	7/1/2022	5/15/2024			$1,940,000			0	138	138	5.75	(1) 795 ACSS "Drake"	Steel Poles and Lattice Towers	Varies	5.75	n/a	n/a	25.101 (C)(5)(B)	Project was split into two phases. Entire circuit was [illegible] and reported on May 2022 MCPR
1028639	Wirtz Burnet TL Addition (T219) [Starcke-Wirtz TL Storm Hardening - 1024354]	Burnet	Storm hardening to allow safe and reliable operation during extreme weather events	7/1/2022	5/15/2024			$501,000			10	138	138	15.03	(1) 795 ACSS "Drake"	Steel Poles and Lattice Towers	Varies	15.03	n/a	n/a	25.101 (C)(5)(B)	
1029012	Dunlap (CTEC)-Pittsburg TL Addition (T267) [Dunlap (CTEC) - Pittsburg TL Overhaul - 1021336]	Llano County	Overhaul T267 to increase reliability of the structures and conductor	6/4/2022	5/15/2023			$30,510,000			100	69	69	14.49	(1) 336.4 ACSR "LINNET" (1) 4/0 ACSR "PENGUIN" (1) 959.6 ACSS/TW/MA3 "SUWANNEE" (1) 4/0 ACSR "PENGUIN" (1) 959.6 ACSS/TW/MA3 "SUWANNEE"	Steel Lattice & Steel Poles	100	14.49	n/a	n/a	25.101 (C)(5)(B)	
1026700	Chief Brady TL Addition (T376) [Chief Brady Substation Upgrade - 1025300]	Williamson	Chief Brady Substation will be upgraded to increase the bus rating and replace equipment identified as obsolete. The substation upgrade will include Tier 1 Physical Security Measures	6/2/2022	4/15/2023	4/15/2023		$390,000			100	138	138	5.12	795 ACSR Drake, single	Steel H-frames, Steel Poles, Steel Lattice	Varies, 80 - 100	5.12	n/a	n/a	25.101 (C)(5)(B)	
1027302	T335 Fiber Replacement Project (PL Switch ... 337 Fiber Restoration - 1027706)	Comal	Replace and restore OPGW fiber on T335	12/30/2022	2/15/2023	2/15/2023	$1,300,000		$1,221,152	23%	100	138	138	3.5	(1) 959.6 ACSS/TW/MGA "SUWANNEE"	Concrete Poles	n/a	3.5	n/a	n/a	25.101 (C)(5)	
1024072	Lockhart-Red Rock TL Addition (T570/T104) [Lockhart-Split TL Upgrade - 1023309]	Bastrop, Caldwell	Increase the reliability and capacity of transmission facilities on the T104 Lockhart – Luling and T570 Lockhart – Red Rock 5.7 mile 138-kV double circuit section of transmission line from Lockhart Substation to structure #75 (previously structure A501)	9/1/2020	5/15/2023			$5,460,000			60	138	138	5.7	(1) 959.6 ACSS/TW/MGA "SUWANNEE"	Steel Poles	75	5.7	n/a	n/a	25.101 (C)(5)(B)	Parent Project Budget had been utilized in previous report. Updated to Sub-Project Final Estimated Cost
1023699	Lockhart-Luling TL Addition (T104) [Lockhart-Split TL Upgrade - 1023309]	Bastrop, Caldwell	Increase the reliability and capacity of transmission facilities on the T104 Lockhart – Luling and T570 Lockhart – Red Rock 5.7-mile 138-kV double circuit section of transmission line from Lockhart Substation to structure #75 (previously structure A501)	1/1/2023	5/15/2023			$2,385,000			80	138	138	5.7	(1) 959.6 ACSS/TW/MGA "SUWANNEE"	Steel Poles	75	5.7	n/a	n/a	25.101 (C)(5)(B)	Parent Project Budget had been utilized in previous report. Updated to Sub-Project Final Estimated Cost
1027613	Muldoon-Flatonia TL Addition (T391) [Muldoon Substation Addition - 1021579]	Fayette	New three breaker ring bus substation to provide a 138-kV line termination for a 210 MW solar generation facility	11/10/2021	1/15/2023	1/15/2023		$207,000			100	138	138	0.6	(1) 959.6 SUWANNEE ACSS/TW	Steel Poles, Steel H-frame	100, Centerline	0.6	n/a	n/a	25.101 (C)(5)(A)	
1027617	Muldoon-W Slr Ranch TL Addition [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	11/18/2021	1/15/2023	1/15/2023		$188,000			100	n/a	138	0.02	(1) 959.6 SUWANNEE ACSS/TW	Steel Pole	n/a	n/a	100	0.02	25.101 (C)(5)(A)	
1024397	Hornsby TL Addition (T511) [Hornsby Substation Addition - 1023652]	Travis	Provide Transmission service to a load serving substation	9/28/2022	4/5/2023	5/4/2023		$10,700,000			100	345	345	57.15	(2) 959.6 SUWANNEE ACSS/TW	Lattice Towers	Varies	57.15	100	0.15	25.101 (C)(5)(A)	Parent Project Budget had been utilized in previous report. Updated to Sub-Project Final Estimated Cost
1024679	Hornsby TL Addition (T?) [Hornsby Substation Addition - 1023652]	Austin/Travis	Provide transmission service to a load serving substation	9/25/2022	4/5/2023	5/1/2023		$2,500,000			100	345	345	14.11	(2) 959.6 SUWANNEE ACSS/TW	Lattice Towers	Varies	14.12	100	0.15	25.101 (C)(5)(A)	Parent Project Budget had been utilized in previous report. Updated to Sub-Project Final Estimated Cost
1024710	Pearl Hwy 36 TL Addition (T480) [Flood Mitigation FY 2022 System Upgrade - 1024536]	Brenham/Washington	Reduce the risk of erosion and flooding to transmission facilities	1/12/2021	9/23/2023			$130,000			0	138	138	2.29	(1) 959.6 SUWANNEE ACSS/TW	Concrete H-Frame and Concrete Monopole	75	2.29	n/a	n/a	25.101 (C)(5)(B)	
1021735	Garfield Clear Spr TL Addition [Flood Mitigation FY 2022 System Upgrade - 1024536]	Manor/Travis	Reduce the risk of erosion and flooding to transmission facilities	12/22/2021	2/21/2023			$2,817,000			0	345	345	71	(2) 959.6 SUWANNEE ACSS/TW	Towers, Poles & H-frames	120 - 125	71	n/a	n/a	25.101 (C)(5)(B)	

Justin Stryker
Sr. Regulatory Affairs Case Manager
P.O. Box 220, Mailstop DSC D140
Austin, TX 78767
justin.stryker@lcra.org

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
1027622	Crane - Upton TL Addition (T326) [Crane East Substation Upgrade - 1026910]	Upton	Install circuit breakers and capacitor banks at Crane East Substation	10/1/2022	6/15/2023			$1,800,000			10	138	138	27	[illegible]	Steel Pole Dead ends/Delta [illegible]	Centerline	27	n/a	n/a	25.101 (c)(5)(B)	Parent Project Budget has been utilized in previous report. Updated to Sub-Project Final Estimated Cost.
1029072	[illegible] - Crane East TL Addition (T?) [Crane East Substation Upgrade - 1026910]	Upton	Add circuit breakers in a Ring Bus arrangement at Crane East 138-kV Substation	4/20/2020	8/30/2023	4/24/2023		$374,500			0	138	138	27	[illegible]	Steel Pole Dead ends/Delta [illegible]	Centerline	27	n/a	n/a	25.101 (c)(5)(B)	Project was split into two sub-projects [illegible] reported on July 2022 MCPR
1021797	Tranquility - Boerne TL Add (T352) [Boerne-Esperanza TL Upgrade 1021535]	Kendall	This project will increase the reliability of the transmission facilities by replacing the aging conductor	12/1/2022	10/31/2023			$13,679,000			5	138	138	3.6	(2) 959 ACSS/TS Suwannee	Steel Monopole	95 / 70 / 75 / 100 / Undefined	3.6	n/a	n/a	25.101 (c)(5)(B)	
1024795	Esperanza Bypass Boerne Split Structure TL Add (T656) [Boerne-Esperanza TL Upgrade - 1024503]	Kendall	This project will increase the reliability of the transmission facilities by replacing the aging conductor	10/1/2022	10/31/2023			$12,430,000			5	345	345	1.5	(2) 1235 ACSS/TW Merrimack	Steel Monopole	95 / 100	1.5	n/a	n/a	25.101 (c)(5)(B)	
1021805	Fair Oaks Flyover-Tranquility Bypass TL Add (T658) [Esperanza - Fair Oaks TL Upgrade 1021535]	Comal, Kendall	This project will increase the reliability of the transmission facilities by replacing the aging conductor.	12/1/2022	8/31/2023			$12,657,000			15	345	345	2.36	(2) 1403 ACSS/TW Merrimack	Steel Monopole	70 / 100	2.36	n/a	n/a	25.101 (c)(5)(B)	
1024712	Bergheim Fair Oaks TL Addition (T33?) [Bergheim Fair Oaks Ranch Transmission Line Upgrade - 1024501]	Comal, Kendall	This project will increase the reliability of the transmission facilities by replacing the aging conductor	3/1/2024	11/30/2024			$7,650,000			5	138	138	4.00	(2) 959 ACSS/TS Suwannee	Steel Monopole	100	4.00	n/a	n/a	25.101 (c)(5)(B)	
1021733	Bergheim-Fair Oaks Flyover TL Addition (T659) [Bergheim Fair Oaks Ranch Transmission Line Upgrade 1024501]	Kendall	This project will increase the reliability of the transmission facilities by replacing the aging conductor	2/1/2021	11/30/2022			$10,000,000			0	345	345	2.03	(2) 1403 ACSS/TW Merrimack	Steel Monopole	100	2.03	n/a	n/a	25.101 (c)(5)(B)	
1024799	Boerne Welfare TL Addition (T223) [Boerne Split Welfare TL Upgrade 1024502]	Kendall	This project will increase the reliability of the transmission facilities by replacing the aging conductor	10/1/2022	5/31/2025			$15,000,000			0	138	138	9.51	(2) 959 ACSS/TS Suwannee	Steel Monopole	95 / 70 / 75 / 100 / Undefined	9.51	n/a	n/a	25.101 (c)(5)(B)	
1021801	Boerne Split Structure Welfare Flyover (T556) [Boerne Split-Welfare TL Upgrade - 1024502]	Kendall	This project will increase the reliability of the transmission facilities by replacing the aging conductor	12/1/2022	5/31/2025			$39,061,000			0	345	345	7.25	(2) 1235 ACSS/TW Merrimack	Steel Monopole	85 / 100	7.25	n/a	n/a	25.101 (c)(5)(B)	
1026324	Bellville - Hwy 36 TL Addition (T497) [Containment Structures Transmission Line Upgrade 1026312]	Washington, Austin	Containment structures in transmission line(s) will improve system reliability	9/15/2023	9/15/2024			$2,410,000			0	138	138	10.11	(1) 959.6 ACSS/TW "SUWANNEE"	Steel Poles and Steel H-Frames	Width undefined	10.11	n/a	n/a	25.101 (c)(5)(B)	
1021592	Headwaters Doss TL Addition (T56?) [Mountain Home Substation Addition 1024902]	Gillespie	Relocate [illegible] to the new Headwaters Substation LCRA TSC and [illegible] from CTEC	11/1/2022	1/17/2023	1/17/2023		$561,000			100	69	69	14.1	(1) 4/0 ACSR "PENGUIN"	Wood Poles	Blanket	11.1	n/a	n/a	25.101 (c)(5)(B)	
1030700	F-T10 TL Addition	Gillespie	Replacing 1130 structures burned by the Big Sky wildfire [illegible] existing ROW [illegible]	11/30/2022	4/30/2023		$31,000				100	69	69	33.96	[illegible] "PENGUIN" [illegible] "SUWANNEE" [illegible] "DRAKE"	Wood H-Frames, Wood Poles, Steel Poles & Steel Lattice	100	33.33	n/a	n/a	25.101 (c)(3)	
1024010	Fair Oaks - Esperanza TL Add (T530) [Esperanza - Fair Oaks TL Upgrade - 1024505]	Kendall	This project will increase the reliability of the transmission facilities by replacing the aging conductor	10/1/2022	10/31/2023			$9,635,000			15	138	138	4.36	(2) 959 ACSS/TS Suwannee	Steel Monopole	75-100	4.36	n/a	n/a	25.101 (c)(5)(B)	
1024742	Bastrop W Bluebonnet (T516) TL Addition [Bastrop West Bluebonnet (T516) TL Relocation - 1024816]	Bastrop	Relocate T516 within existing ROW to accommodate TxDOT widening of State Hwy 71	10/15/2023	2/15/2024			$2,623,000			5	138	138	0.1	(1) Drake 795 ACSR	STEEL MONOPOLES & WOOD H-FRAME	100	0.1	n/a	n/a	25.101 (c)(5)[illegible]	
1027612	Hornsby Cap Bank TL Addition (T?) [Hornsby Circuit Breaker Addition - 1027350]	Travis	Provide a point of interconnection for a new battery energy storage system in the 345-kV Hornsby Substation by adding an additional breaker and a new bay to accommodate the new interconnection	12/1/2022	2/15/2023			$1,112,000			60	n/a	345	0.06	(1) 959 ACSS/TW SUWANNEE	Steel Poles	n/a	n/a	100	0.06	25.101 (c)(5)(A)	

Justin Stryker
Sr. Regulatory Affairs Case Manager
P.O. Box 220, Mail stop DSC D110
Austin, TX 78767
justin.stryker@lcra.org

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
102421	Dimmit Kosta Creek TL Addition (T697) Containment Structure Transmission Line Upgrade 1025012]	Dimmit, Maverick	Containment Structures installed along transmission lines will improve system reliability	3/1/2021	5/15/2023			$5,999,000			15	138	138	41.10	(1) 795 ACSR DRAKE	Steel Pole	75-95 Blanket	41.10	n/a	n/a	25.101 (C)(5)(B)	
1017679	Pernell Leakwater TL Addition (T300) [T200 STEC transfer] [Mountain Home Substation Addition 1017394]	Gillespie	Remove existing 69kV structures and conductor with 138 kV structures and 795 ACSR Drake. Will also install OPGW.	1/1/2023	12/31/2023			$12,500,000			15	69	138	21.72	(1) 795 ACSR DRAKE	Steel Poles	Varies	21.72	n/a	n/a	25.101 (C)(5)(B)	
1027071	Gillespie Kerrville Stadium TL Addition (T107) Mountain Home Substation Addition - 1017394]	Gillespie	Modification of two spans on T107 to accommodate the upgrade of T300	1/1/2021	12/1/2023			$190,000			0	138	138	22.0	(1) 795 ACSR "Drake" (1) 3/8" EHS	Steel and Wood H-Frame	75 - 100	22.0	n/a	n/a	25.101 (C)(5)(B)	
1028471	Pinto Creek TL Addition (T25) Pinto Creek Circuit Breaker Addition - 1024915]	Kinney	Provide a transmission point of interconnection for a new solar generator and battery energy storage system at Pinto Creek Substation	3/1/2023	5/15/2023			$360,000			50	138	138	0.03	(1) 795 ACSR "Drake" (2) DNO-1243 OPGW	Steel Pole	n/a	n/a	100	0.03	25.101 (C)(5)(A)	
1028795	Pheasant Farms FO Log Addition [Pheasant Farms FO Upgrade - 1028794]	Ector	Accommodation of Circuit breakers for the upgrade of Pheasant Farms Substation by relocating TOL	1/1/2023	3/31/2023			$916,788			0	138	138	0.01	(3) 959.6 ACSS SUWANEE (1) DNO 11541 (1) 3/8" EHS Grw	Steel Pole	100	0.02	n/a	n/a	25.101 (C)(5)(A)	
1027153	T625 Str 103 TL Addition [Hidden Valley-McNeil Str 103 TL Upg - 1027088]	Travis	Replace Structure #103 of the Hidden Valley - McNeil (T625) transmission line to accommodate AT&T cell site and radio antennas	1/1/2023	7/28/2023			$261,000			0	138	138	12.67	(3) 795 ACSR "Drake" DNO 72 & 132 AC 31.52 648 OPGW	Steel Pole	100	12.67	n/a	n/a	25.101 (C)(5)(B)	
1027311	Twin Buttes - Angelo Solar TL Addition (T750) [Twin Buttes 345 kV Circuit Breaker Addition 1027361]	Tom Green	Install transmission interconnection facilities for Twin Buttes Substation and Angelo Solar	5/3/2021	5/15/2023			$4,357,000			0	n/a	345	1	(2) 959.6 ACSS "Suwanee" (2) DNO-11213	Steel Monopole & H-Frames	n/a	n/a	165	1	25.101 (C)(5)(A)	
1029055	El Campo Kocurek TL Addition (T509) [El Campo Ricebird TL Storm Hardening - 1029787]	Wharton	Perform storm hardening to increase the reliability of transmission facilities on the T509	11/30/2021	6/5/2023			$11,561,000			10	138	138	4.63	(1) 959.6 ACSS "SUWANEE"	Steel Pole	50	4.63	n/a	n/a	25.101 (C)(5)(B)	
1028893	Luling-Gonzales TL Addition (T170) [Birdhouse Substation Addition - 1027378]	Gonzales	Provide a point of interconnection for a new 150 MW solar system at the new 138 kV Birdhouse Substation by adding an initial three breaker ring bus	1/1/2023	12/1/2023			$1,619,000			0	138	138	19.15	(1) 959.6 ACSS "SUWANEE"	Steel Pole	75	19.15	n/a	n/a	25.101 (C)(5)(B)	
1026595	Gonzales-Luling City TL Addition (T542) [Birdhouse Substation Addition - 1027378]	Gonzales	Provide a point of interconnection for a new 150 MW solar system at the new 138 kV Birdhouse Substation by adding an initial three breaker ring bus.	4/1/2021	5/15/2023			$30,000			0	138	138	52.9	(1) 795 ACSR "DRAKE"	Steel Pole	70	52.9	n/a	n/a	25.101 (C)(5)(B)	
1027123	T1 La Grange OPGW Addition (T283) [T1 Switchyard - La Grange Fiber Restoration - 1026840]	Fayette	Install one (1) 72 count of Optical Ground Wire (OPGW)	3/24/2023	12/1/2023			$1,500,000			0	138	138	7.89	(1) 795 ACSR "DRAKE"	Wood H-Frame	60	7.89	n/a	n/a	25.101 (C)(5)(B)	
1027157	Guadalupe - Hochheim Tap Fiber TL Addition (T542) - 1027157 Guadalupe Hochheim Tap Fiber Upgrade 1027057]	De Witt	Increase reliability by installing new 11.21 miles of Optical Ground Wire (OPGW)	6/1/2023	12/31/2023			$5,150,000			0	69	69	11.21	(1) 795 ACSR "DRAKE"	Steel Pole	80	11.21	n/a	n/a	25.101 (C)(5)(B)	
1025012	Smoke Ranch Mine - Pittsburg (T387) [Bluebonnet (STEC) - Pittsburg TL Overhaul - 1027355]	Llano	Perform an overhaul of T387 to increase reliability of the structures and conductor.	10/5/2021	5/15/2023			$10,392,000			60	69	69	14.5	(1) 959.6 ACSS "SUWANEE"	Steel Pole	100	14.5	n/a	n/a	25.101 (C)(5)(B)	
1028851	Noelke - Schleicher DTL Addition [Bakersfield-Big Hill TL Addition - 1028854]	Crockett	String conductor and shield wire to STEC owned 345 structures	7/1/2023	5/15/2024			$286,000			50	n/a	345	0.15	(2) 959.6 ACSS "SUWANEE"	Steel Pole	n/a	n/a	n/a	n/a	25.101 (C)(5)(B)	STEC Owned ROW
1028850	Cedar Canyon - Noelke TL Addition [Bakersfield Big Hill TL Addition - 1034074]	Crockett	String conductor and shield wire to STEC owned 345 structures	6/1/2023	5/15/2024			$261,000			0	n/a	345	0.11	(2) 959.6 ACSS "SUWANEE"	Steel Pole	n/a	n/a	n/a	n/a	25.101 (C)(5)(B)	STEC Owned ROW
1020030	Schleicher - Big Hill TL Addition [Bakersfield-Big Hill TL Addition - 1021331]	Crockett/Schleicher	String conductor and shield wire to STEC owned 345 structures	4/1/2021	5/15/2023			$146,000			95	n/a	345	0.14	(2) 959.6 ACSS "SUWANEE"	Steel Pole	n/a	n/a	n/a	n/a	25.101 (C)(5)(B)	STEC Owned ROW
1028852	Bakersfield Cedar Canyon TL Addition [Bakersfield Big Hill TL Addition - 1034074]	Pecos/Crockett	Re-terminate existing circuit at Cedar Canyon Substation and install new conductor and shield wire	6/1/2023	5/15/2024			$126,000			0	n/a	345	0.06	(2) 959.6 ACSS "SUWANEE"	Steel Pole	n/a	n/a	n/a	n/a	25.101 (C)(5)(B)	STEC Owned ROW
1028859	Bakersfield Cedar Canyon TL Addition [Bakersfield Big Hill TL Addition - 1034074]	Pecos/Crockett	String conductor and shield wire to STEC owned 345 structures	6/1/2023	5/15/2024			$261,000			0	n/a	345	0.15	(2) 959.6 ACSS "SUWANEE"	Steel Pole	n/a	n/a	n/a	n/a	25.101 (C)(5)(B)	STEC Owned ROW
1028895	Birdhouse Sterling Solar (T787) [Birdhouse Substation Addition - 1027349]	Gonzales	Provide a point of interconnection for a new 150 MW solar system at the new 138 kV Birdhouse Substation by adding an initial three breaker ring bus	7/1/2023	12/1/2023			$317,000			0	n/a	138	0.07	(1) 959.6 ACSS Suwannee	Steel Pole	n/a	n/a	100	0.07	25.101 (C)(5)(A)	

Justin Stryker
Sr. Regulatory Affairs Case Manager
P.O. Box 220 Mail stop DSC D110
Austin, TX 78767
justin.stryker@lcra.org

LCRA TSC's
TRANSMISSION MONTHLY CONSTRUCTION PROGRESS REPORT (MCPR)
for
May 2023

Public Utility Commission of Texas
Project No. 54468

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
1029598	Birchouse Gonzales (T?85) [Birchouse Substation Addition - 1027329]	Gonzales	Provide a point of interconnection for a new 123 MW solar generation to new 138-kV Birchouse Substation by adding an initial three breaker ring bus.	4/18/2023	5/15/2024			$200,000			0	138	138	3.67	(1) 795 ACSR Drake	Steel Pole, H-F, Lattice	75	3.67	n/a	n/a	25.101 (C)(5)(B)	
1028819	[illegible] TL Add [Gen Acc FY23 Failed Equipment - 1026651]	Williamson	Increase the reliability of LCRA TSC transmission facilities and substation equipment related to Winter Storm Mara.	1/16/2023	3/1/2023		$135,000				100	345	345	27.85	(2) 954 S ACSS "SUWANNEE"	Steel Lattice	Varies	27.85	n/a	n/a	25.101 (C)(3)	
1029020	F-T5?? TL Add [Gen Acc FY23 Failed Equipment - 1026653]	Williamson	Increase the reliability of LCRA TSC transmission facilities and substation equipment related to Winter Storm Mara.	5/2/2023	6/5/2023		$100,000				100	345	345	14.16	(2) 954 S ACSS "SUWANNEE"	Steel Lattice	Varies	14.16	n/a	n/a	25.101 (C)(3)	
1028825	F-T360 TL Add [Gen Acc FY23 Failed Equipment - 1026653]	Bastrop	Increase the reliability of LCRA TSC transmission facilities and substation equipment related to Winter Storm Mara.	1/25/2023	3/3/2023		$21,000				100	138	345	2.81	(1) 795 ACSR/AC? "DRAKE"	Wood H-Frame & Steel Lattice	100	2.81	n/a	n/a	25.101 (C)(3)	
1029021	[illegible] TL Add [Gen Acc FY23 Failed Equipment - 1026651]	Travis	Increase the reliability of LCRA TSC transmission facilities and substation equipment related to Winter Storm Mara.	5/1/2023	6/2/2023		$31,000				100	69	345	10.30	(1) 4/0 ACSR "PENGUIN"	Steel H-Frames & Steel Pole	100	10.30	n/a	n/a	25.101 (C)(3)	
1021717	Lakeway - Marble Falls Tap (T457) TL Addition [Lakeway - Marble Falls TL Storm Hardening - 1024594]	Travis	Replace structures and conductor	7/15/2023	12/1/2027			$47,770,000			0	138	138	22.67	(1) 959.6 ACSS "SUWANNEE"	Steel Pole	100	22.67	n/a	n/a	25.101 (C)(5)(B)	
1024711	Pedernales - Bee Creek (T?63) TL Addition [Lakeway - Marble Falls TL Storm Hardening - 1024594]	Travis	Replace structures and conductor	7/1/2023	5/15/2024			$31,640,900			0	138	138	7.47	(1) 959.6 ACSS "SUWANNEE"	Steel Pole	100	7.47	n/a	n/a	25.101 (C)(5)(B)	
1021719	Bee Creek - Lakeway (T525) TL Addition [Lakeway - Marble Falls TL Storm Hardening - 1024594]	Travis	Replace structures and conductor	7/1/2023	12/1/2027			$10,229,000			0	138	138	4.16	(1) 959.6 ACSS "SUWANNEE"	Steel Pole	100	4.16	n/a	n/a	25.101 (C)(5)(B)	
1025575	Marshall Ford - Lakeway (T130) TL Add [Lakeway - Marble Falls TL Storm Hardening - 1024594]	Travis	Replace structures and conductor	7/1/2023	5/15/2024			$7,137,000			0	138	138	5.03	(1) 959.6 ACSS "SUWANNEE"	Steel Pole	100	5.03	n/a	n/a	25.101 (C)(5)(B)	
1028833	T161 TL Addition [Marshall Ford - McNeil TL Storm Hardening - 1024596]	Austin/Travis	Replace one structure	7/15/2023	12/31/2023			$218,500			0	69	69	12.9	(1) 795 ACSR/AC? "DRAKE"	Wood H-Frame and Steel H-Frame	100	12.3	n/a	n/a	25.101 (C)(5)(B)	
1024714	Spicewood-McNeil Storm Hardening TL Addition (T542) [Marshall Ford - McNeil TL Storm Hardening 1024596]	Austin/Travis	Replace structures, conductor and OPGW	10/1/2023	5/15/2024			$4,500,500			0	138	138	1.7	(1) 795 ACSR/AC? "DRAKE"	Steel Pole and Steel H-Frames	100	1.7	n/a	n/a	25.101 (C)(5)(B)	
1021731	Marshall Ford-Spicewood Storm Hardening TL Addition (T152) [Marshall Ford - McNeil TL Storm Hardening 1024596]	Austin/Travis	Replace structures conductor and OPGW	7/15/2023	12/31/2023			$667,000			0	138	138	3.01	(1) 795 ACSS/TW "DRAKE"	Steel Poles and Steel H-Frames	100	3.02	n/a	n/a	25.101 (C)(5)(B)	
1024726	Marshall Ford McNeil Storm Hardening TL Addition (T197) [Marshall Ford - McNeil TL Storm Hardening - 1024596]	Austin/Travis	Replace structures, conductor and OPGW	7/15/2023	5/15/2024			$21,199,000			0	138	138	15.5	(1) 795 ACSR/AC? "DRAKE"	Steel Poles and Steel H-Frames	100	15.5	n/a	n/a	25.101 (C)(5)(B)	
1028?03	Altair Nada TL Addition (T546) [Altair Garwood TL Overhaul - 1020004]	Colorado	Replace eight existing structures on T546 at intersection with T546 to maintain operating clearance	8/1/2023	9/30/2027			$3,983,500			0	138	138	12.17	(1) 795 ACSS/TW "DRAKE"	Steel Pole and Steel H-Frame	60	12.17	n/a	n/a	25.101 (C)(5)(B)	
1020015	Altair-Garwood CL TL Addition (T546) [Altair-Garwood TL Overhaul - 1020037]	Colorado	Perform overhaul of T546 including all applicable to improve reliability of structures and conductors.	6/1/2023	9/30/2024			$20,410,000			0	69	69	7.59	(1) 795 ACSR/AC? "DRAKE"	Steel Pole and Steel H-Frame	75	7.59	n/a	n/a	25.101 (C)(5)(B)	
1028?08	Nada - Rabb TL Addition (T383) [Nada - Rabb TL Overhaul - 1024049]	Wharton, Colorado	LCRA TSC will perform an overhaul on the 13.1 mile Nada-Rabb (T500) 138-kV transmission line. This project will increase reliability of the structures and conductor by ensuring that the transmission line meets or exceeds current NESC and LCRA TSC design standards.	8/28/2023	12/1/2027			$15,805,100			0	138	138	13.1	(1) 954 S ACSS "SUWANNEE"	Steel Poles	60/80	13.1	n/a	n/a	25.101 (C)(5)(B)	
1027142	FPP - Lytton Springs (T255) TL Addition - [FPP Maud? - Lytton Springs Transmission Line Overhaul - 1021339]	Caldwell, Bastrop, and Fayette	[illegible] conductor and shield wire while adding containment clevis and structures [illegible] insulators and hardware on existing towers will need to be removed and replaced.	On hold	On hold			$46,000,000			0	345	345	61.32	(2) 795 ACSR/AC? "DRAKE" (2) 795 ACSS "REDWING"	Steel Pole and Lattice Tower	100	61.32	n/a	n/a	25.101 (C)(5)(B)	
1028?50	Cuero - Guadalupe TL Addition (T639) [Cuero Substation Upgrade - 1026605]	De Witt	[illegible] reconfiguring the existing bus from a single bus single breaker to a breaker and a half configuration. This bus improvement will include the upgrade of bus work, switches, breakers, instrument transformers, surge arresters, protective schemes, the [illegible]	7/30/2023	12/1/2027			$312,500			0	138	138	2.75	(1) 954 S ACSS "SUWANNEE"	Steel Poles and Lattice Towers	80	2.75	n/a	n/a	25.101 (C)(5)(B)	
1020931	Cuero - Yorktown TL Addition (T180) [Cuero Substation Upgrade - 1026605]	De Witt	[illegible] reconfiguring the existing bus from single bus single breaker to a breaker and a half configuration. This bus improvement will include the upgrade of bus work, switches, breakers, instrument transformers, surge arresters, protective schemes, the replacement of Cuero A [illegible] structures as needed. A [illegible]	7/3/2023	5/15/2024			$576,500			0	138	138	10.03	(1) 954 S ACSS "SUWANNEE"	Steel Pole and Steel H-Frame	100	10.04	n/a	n/a	25.101 (C)(5)(B)	
1028822	F-T157 TL Add [Gen Acc FY23 Failed Equipment - 1026653]	Travis	Increase the reliability of LCRA TSC transmission facilities and substation equipment related to Winter Storm Mara.	1/27/2023	2/28/2023		$1,425,000				100	138	138	12.01	(1) 795 ACSS/TW "DRAKE" (1) 927.2 AAAC "GREELEY"	Steel Lattice, Steel Pole, Steel H-Frames & Wood H-Frame	100	12.01	n/a	n/a	25.101 (C)(3)	

Justin Stryker
Sr. Regulatory Affairs Case Manager
P.O. Box 220 Mailstop DSC D140
Austin, TX 78767
justin.stryker@lcra.org

LCRA TSC's
TRANSMISSION MONTHLY CONSTRUCTION PROGRESS REPORT (MCPR)
for
May 2023

Public Utility Commission of Texas
Project No. 54468

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
1029027	[illegible] TL Add [Gen Acc FY23 Failed Equipment - 1028653]	Kendall	Increase the reliability of LCRA TSC transmission facilities and substation equipment related to Winter Storm Mara.	3/1/2023	7/19/2023		$150,000				100	138	138	4.57	(2) 795 ACSR/AGA2 "DRAKE"	Steel Pole	100	4.57	n/a	n/a	25.101 (C)(3)	
1028827	[illegible] TL Add [Gen Acc FY23 Failed Equipment - 1028653]	Williamson	Increase the reliability of LCRA TSC transmission facilities and substation equipment related to Winter Storm Mara.	3/12/2023	3/22/2023		$250,000				100	138	138	7.81	(2) 795 ACSR/AGA2 DRAKE (2) 959.6 ACSS SUWANNEE	Steel Poles	80/100	7.87	n/a	n/a	25.101 (C)(3)	
1029021	[illegible] TL Add [Gen Acc FY23 Failed Equipment - 1028653]	[illegible]	Increase the reliability of LCRA TSC transmission facilities and substation equipment related to Winter Storm Mara.	3/20/2023	7/26/2023		$635,000				100	345	345	61.32	(2) 795 ACSR/AGA2 DRAKE (2) 715.5 ACSS REDWING	Steel Pole and Lattice Tower	100	61.32	n/a	n/a	25.101 (C)(3)	
1028825	[illegible] TL Add [Gen Acc FY23 Failed Equipment - 1028653]	Travis	Increase the reliability of LCRA TSC transmission facilities and substation equipment related to Winter Storm Mara.	5/5/2023	5/31/2023		$200,000				100	138	138	7.01	(1) 1431 ACSS/TW Merrimack	Wood H-frames	100	7.01	n/a	n/a	25.101 (C)(3)	
1029405	[illegible] TL Add [Gen Acc FY23 Failed Equipment - 1028653]	Comal	Increase the reliability of LCRA TSC transmission facilities and substation equipment related to Winter Storm Mara.	5/15/2023	8/10/2023		$355,000				0	138	138	1.76	(1) 959.6 ACSS "SUWANNEE"	Steel Lattice & Steel Pole	100	1.76	n/a	n/a	25.101 (C)(3)	
1028437	[illegible] TL Add [Gen Acc FY23 Failed Equipment - 1028653]	Comal	Increase the reliability of LCRA TSC transmission facilities and substation equipment related to Winter Storm Mara.	6/19/2023	9/8/2023		$650,000				0	138	138	10.11	(1) 795 ACSR/AGA2 Condor	Steel Lattice	100	10.11	n/a	n/a	25.101 (C)(3)	
1029412	[illegible] TL Add [Gen Acc FY23 Failed Equipment - 1028653]	Comal	Increase the reliability of LCRA TSC transmission facilities and substation equipment related to Winter Storm Mara.	6/12/2023	7/14/2023		$1,100,000				0	138	138	7.17	(2) 959.6 ACSS "SUWANNEE"	Steel Pole	100	7.17	n/a	n/a	25.101 (C)(3)	
1028815	[illegible] TL Add [Gen Acc FY23 Failed Equipment - 1028653]	Comal	Increase the reliability of LCRA TSC transmission facilities and substation equipment related to Winter Storm Mara.	7/19/2023	7/28/2023		$275,000				0	138	138	7.07	(2) 959.6 ACSS "SUWANNEE"	Steel Pole	100	7.07	n/a	n/a	25.101 (C)(3)	
1029010	[illegible] TL Add [Gen Acc FY23 Failed Equipment - 1028653]	Kendall	Increase the reliability of LCRA TSC transmission facilities and substation equipment related to Winter Storm Mara.	7/25/2023	7/28/2023		$175,000				0	138	138	1.9	(2) 959.6 ACSS "SUWANNEE"	Steel Pole	65/100	1.9	n/a	n/a	25.101 (C)(3)	
1028823	[illegible] TL Add [Gen Acc FY23 Failed Equipment - 1028653]	Travis	Increase the reliability of LCRA TSC transmission facilities and substation equipment related to Winter Storm Mara.	2/27/2023	3/8/2023		$25,000				100	138	138	3.04	(1) 795 ACSR/AGA2 "DRAKE"	Steel Lattice	80/100	3.04	n/a	n/a	25.101 (C)(3)	
1029011	[illegible] TL Add [Gen Acc FY23 Failed Equipment - 1028653]	[illegible]	Increase the reliability of LCRA TSC transmission facilities and substation equipment related to Winter Storm Mara.	3/9/2023	3/13/2023		$32,000				100	138	138	22.93	(1) 795 ACSR/AGA2 "DRAKE"	Steel Lattice	100	22.93	n/a	n/a	25.101 (C)(3)	
1028832	[illegible] TL Add [Gen Acc FY23 Failed Equipment - 1028653]	Travis	Increase the reliability of LCRA TSC transmission facilities and substation equipment related to Winter Storm Mara.	3/9/2023	3/16/23		$20,000				100	138	138	5.05	(1) 795 ACSR/GA2 Condor (1) 795 ACSR/AGA2 "DRAKE"	Steel Lattice	100	5.05	n/a	n/a	25.101 (C)(3)	
1030105	[illegible] Transmission Line Upgrade - 1030105	[illegible]	Conductor/Hardware Replacement	6/1/2023	12/30/2023			$2,000,000			0	138	138	10.4	(2) 795 ACSR/AGA2 "DRAKE"	Steel Pole	100	10.4	n/a	n/a	25.101 (C)(5)(B)	
1023913	Hallettsville Mont TL Addition (T596) [Hallettsville Mont TL Overhaul - 1024041]	[illegible]	Increase reliability of the structures and conductor by ensuring that the transmission line meets or exceeds current NESC and LCRA TSC design standards	9/1/2023	5/15/2024			$3,400,000			0	138	138	2.32	(1) 959.6 ACSS/TW HS "SUWANNEE"	Steel Pole	100	2.32	n/a	n/a	25.101 (C)(5)(B)	
1024712	Guadalupe - Lost Creek TL Addition (T511) [Guadalupe - Lost Creek TL Upgrade - 1027911]	DeWitt, Fayette	Increase transmission service reliability by replacing the current conductors	9/1/2023	12/31/2023			$446,000			0	138	138	3.00	(1) 795 ACSR "DRAKE"	Steel Pole	80	3.00	n/a	n/a	25.101 (C)(5)(B)	
1021729	Highway 46 [illegible] TL Add (T310) [Highway 46 Transmission Line Upgrade - 1021974]	Comal	This project will increase the reliability of the transmission facilities by replacing the aging conductor	9/1/2023	6/1/2024			$11,825,000			0	138	138	10.1	(1) 959.6 ACSS/TW HS "SUWANNEE"	Steel Pole	100	10.7	n/a	n/a	25.101 (C)(5)(B)	
1021730	Highway 46 [illegible] TL Add (T380) [Highway 46 Transmission Line Upgrade - 1024577]	Comal	This project will increase the reliability of the transmission facilities by replacing the aging conductor	9/1/2023	9/1/2024			$19,113,000			0	345	345	37.17	(2) 959.6 ACSS/TW HS "SUWANNEE"	Steel Pole	100	37.17	n/a	n/a	25.101 (C)(5)(B)	
1024007	Welfare - Kendall TL Addition (T594) - [Kendall - Welfare TL Upgrade - 1024582]	Kendall	This project will increase the reliability of the transmission facilities by replacing the aging conductor	10/1/2023	3/31/2025			$10,102,000			0	138	138	10.55	(1) 959.6 ACSS/TW HS "SUWANNEE"	Steel Pole	100	10.55	n/a	n/a	25.101 (C)(5)(B)	
1021809	Welfare - Kendall TL Addition (T596) [Kendall - Welfare TL Upgrade - 1024582]	Kendall	This project will increase the reliability of the transmission facilities by replacing the aging conductor	10/1/2023	3/31/2025			$19,163,000			0	345	345	27.12	(2) 959.6 ACSS/TW HS "SUWANNEE"	Steel Pole	100	27.12	n/a	n/a	25.101 (C)(5)(B)	
1027015	Howard Lane (AE) - McNeil Transmission Line Addition (T183) [Howard Lane (AE) - McNeil Transmission Line Addition Storm Hardening - 1026911]	Travis	Perform storm hardening on the 2.7 mile Howard Lane - McNeil (T183) 138-kV transmission line	7/15/2023	5/15/2024			$3,100,000			0	138	138	2.65	(1) 795 ACSR "DRAKE"	Steel Pole, Steel Lattice	100/120	2.65	n/a	n/a	25.101 (C)(5)(B)	

Justin Stryker
Sr. Regulatory Affairs Case Manager
P.O. Box 220, Mailstop DSC D140
Austin, TX 78767
justin.stryker@lcra.org

AFFIDAVIT OF NOTICE

§

STATE OF TEXAS §

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

"My name is Hunter Barker. 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 April 15, 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-656, Welfare Flyover-Kendall Transmission Line Upgrade 345 kilovolt transmission line.

(b) owners of land crossed by the existing transmission facility to be modified – T-584, Welfare-Kendall Transmission Line Upgrade 138 kilovolt transmission line.

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

(c) notice to Central Texas Electric Cooperative whose certified service areas are crossed by the T-584, Welfare to Kendall 138 kilovolt transmission line.

(d) notice to Bandera Electric Cooperative whose certified service areas are crossed by the T-584, Welfare to Kendall 138 kilovolt transmission line.

(e) notice to Pedernales Electric Cooperative whose certified service areas are crossed by the T-656, Welfare Flyover to Kendall, 345 kilovolt transmission line.

(f) notice to Bandera Electric Cooperative whose certified service areas are crossed by the T-656, Welfare Flyover to Kendall, 345 kilovolt transmission line.

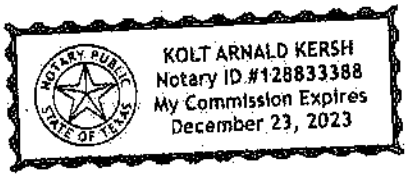
(g) notice to Central Texas Electric Cooperative whose certified service areas are crossed by the T-656, Welfare Flyover to Kendall, 345 kilovolt transmission line.

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

SIGNED on this the 9th day of May 2023

AFFIANT: Hunter Barker

SWORN TO AND SUBSCRIBED BEFORE ME this the 9th day of May, 2023.



Notary Public in and for the
State of Texas

AFFIDAVIT OF NOTICE

§

STATE OF TEXAS §

§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 May15, 2023, LCRA Transmission Services Corporation completed a search and mailed notice to:

(a) owners of land crossed by the existing transmission facility to be modified – LCRA Transmission Services Corporation's 138-kV McNeil to Howard Lane (AE) Transmission Line Storm Hardening, T-163

In accordance with P.U.C. Proc. Rule 25.83, on or before April 15, 2023, LCRA Transmission Services Corporation mailed by first class mail:

(b) notice to Austin Energy whose certified service areas are crossed by Lower Colorado River Authority LCRA Transmission Services Corporation's 138-kV McNeil to Howard Lane (AE) Transmission Line Storm Hardening, T-163

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, Travis 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 11th day of May 2023

Sheri Schneider

AFFIANT: Sheri Schneider

SWORN TO AND SUBSCRIBED BEFORE ME this the 11th day of May 2023

Debra Lynn Miller

Notary Public in and for the
State of Texas

DEBRA LYNN MILLER
Notary ID #129527172
My Commission Expires
August 16, 2025

AFFIDAVIT OF NOTICE

§

STATE OF TEXAS §

§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 Brittany Buff. 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 May 15, 2023, 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-610, Highway 46 to Antler Transmission Line Addition 138 kilovolt transmission line.

(b) owners of land crossed by the existing transmission facility to be modified – T-389, Highway 46 Flyover to Antler Flyover Transmission Line Addition 345 kilovolt transmission line.

In accordance with P.U.C. Proc. Rule 25.83, on or before May 15, 2023, LCRA Transmission Services Corporation mailed by first class mail:

(c) notice to New Braunfels Utilities whose certified service areas are crossed by the T-610, Highway 46 to Antler, 138 kilovolt transmission lines.

(d) notice to Pedernales Electric Cooperative whose certified service areas are crossed by the T-610, Highway 46 to Antler, 138 kilovolt transmission lines.

(e) notice to New Braunfels Utilities whose certified service areas are crossed by the T-389, Highway 46 to Antler, 345 kilovolt transmission lines.

(f) notice to Pedernales Electric Cooperative whose certified service areas are crossed by the T-389, Highway 46 to Antler, 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 and b above, were ascertained by reference maps, and current tax rolls Comal County. The certificated utilities described in c, d, e and f above, were ascertained by reference to Public Utility Commission's Certified Electric Service Area Boundary Maps and other available maps.

SIGNED on this the 8th day of May 2023

AFFIANT: Brittany Buff

SWORN TO AND SUBSCRIBED BEFORE ME this the 8th day of May, 2023.

ANDREW SUSTAITA
Notary Public, State of Texas
Comm. Expires 12-12-2023
Notary ID 132281608

Notary Public in and for the
State of Texas

AFFIDAVIT OF NOTICE

STATE OF TEXAS §
§
§

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 May 11, 2023, 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-593, Hallettsville Substation to Mont Substation, 138 kilovolt transmission line, Transmission Line Overhaul.

In accordance with P.U.C. Proc. Rule 25.83, on May 11, 2023, LCRA Transmission Services Corporation mailed by first class mail:

(b) notice to Guadalupe Valley Electric Cooperative whose certificated service area is crossed by the T-593, 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 Lavaca 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 11TH day of May, 2023.

Larry L Hendrix

AFFIANT: Larry Hendrix

SWORN TO AND SUBSCRIBED BEFORE ME this the 11 day of May, 2023.

Mandy Jan Hedrick

Notary Public in and for the
State of Texas

MANDY JAN HEDRICK
Notary Public, State of Texas
Comm. Expires 02-01-2025
Notary ID 132904829

AFFIDAVIT OF NOTICE

STATE OF TEXAS §
§
§

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 May 11, 2023, 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-541, Guadalupe Substation to Lost Creek Substation, 138 kilovolt Transmission Line, Transmission Line Upgrade.

In accordance with P.U.C. Proc. Rule 25.83, on May 11, 2023, LCRA Transmission Services Corporation mailed by first class mail:

(b) notice to Guadalupe Valley Electric Cooperative whose certificated service area is crossed by the T-541, 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 DeWitt 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 11TH day of May, 2023.

AFFIANT: Larry Hendrix

SWORN TO AND SUBSCRIBED BEFORE ME this the 11 day of May, 2023.

Notary Public in and for the
State of Texas

MANDY JAN HEDRICK
Notary Public, State of Texas
Comm. Expires 02-01-2025
Notary ID 132904829

Revised Final Cost Report - LCRA TSC Leander-Round Rock CCN (T616/T641/T642)
Utility Project No. 1014352
PUC Docket No. 45866

Total Project Costs for Transmission Line & Substation by PUC Category								
Estimate Phase	Total Cost	Right-of-Way & Land Acquisition	Engineering & Design (Utility)	Engineering & Design (Contract)	Procurement of Material & Equipment	Construction of Facilities (Utility)	Construction of Facilities (Contract)	Other
PUC Final Order	$ 74,479,900	$ 24,446,800	$ 6,677,200	$ 687,000	$ 16,190,600	$ 4,428,300	$ 19,764,000	$ 2,286,000
Estimate at time of construction	$ 118,167,000	$ 62,270,072	$ -	$ 7,325,136	$ 19,067,149	$ 5,897,699	$ 23,606,945	$ -
Final Cost	$ 115,402,642	$ 56,354,809	$ 3,139,029	$ 4,005,918	$ 21,201,780	$ 2,929,165	$ 27,576,490	$ 195,450

$ Variance (Final Cost - PUC Final Order) $ 40,922,742

% Variance 54.9%

Since LCRA TSC developed the initial estimate for this project, the cost to acquire property in the project area and the cost to construct has risen significantly. Approximately $31.9M or 78% of the total project variance is attributable to the increase in real estate acquisition cost above what LCRA TSC included in its CCN application.

The following files are not convertible:

LCRATSC0523.xlsx

Please see the ZIP file for this Filing on the PUC Interchange in order to access these files.

Contact centralrecords@puc.texas.gov if you have any questions.