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Electric Transmission Texas,
LLC 400 West 15th Street, Suite 800
Austin, TX 78701-1677
ETTexas.com

October 31, 2022

Public Utility Commission of Texas
PO Box 13326
Austin, Texas 78711-3326

**Re: Project No. 52682 – Project for Commission Ordered Transmission Facilities,
Quarterly Reports**

In the October 14, 2021 Order, the Commission ordered transmission service providers, including Electric Transmission Texas, LLC (ETT), to provide quarterly progress reports to the Commission regarding the status in completing construction of the ordered transmission line and facilities. ETT filed the first, second, third, and fourth quarterly reports on November 1, 2021, February 1, 2022, April 29, 2022, and July 29, 2022, respectively, and is hereby providing the fifth report.

The report consists of details for each ETT project including anticipated completion dates. At this time, ETT has experienced delays in the procurement of station property that will push the in-service date of Greenfield 2 Station from November 2023 to May 2024. Progress on the transmission line circuit is on schedule and ETT is working with ERCOT to determine a path forward that may allow ETT to provide service prior to winter peak 2024. ETT continues to be proactive in mitigating any additional delays that may present in the future.

The following submission follows the same format as the previous reports. If the Commission has any questions, please contact Hannah Turner at hturner@aep.com, or myself at kmfox@aep.com.

Sincerely,

A handwritten signature in black ink that reads "Kip M. Fox". The signature is written in a cursive, slightly slanted style.

Kip Fox
President, Electric Transmission Texas, LLC

Public Utility Commission of Texas

LRGV Second Circuit Progress Report



Executive Summary

Summary

Report Period	4Q 2022
Line Miles	265 miles existing ETT Right-of-Way (ROW)
Counties Affected	Webb, LaSalle, McMullen, Zapata, Starr, Hidalgo
% Complete-Design	60%
% Complete-Procurement	50%
% Complete-Construction	0%
Contact Information	Kip Fox (512) 391-6300 office kmfox@aep.com



Program Description

ETT will construct approximately 189 miles of line in the second circuit position from the STEC Point-of-Interconnection (POI) near the STEC Fowlerton station to the Sharyland POI east of AEP Texas' North Edinburg station. Approximately 76 miles of line in the second circuit position has already been constructed.

ETT will construct three new Greenfield Stations identified as Greenfield 1 Station, Greenfield 2 Station, and Greenfield 3 Station. ETT will also expand existing Lobo, Cenizo, Del Sol, and Pomelo stations.

Overall Progress Summary

Completed: A portion of outage plans were submitted to ERCOT in Q3 2022. Projected construction packages targeted for delivery at the end of October 2022 are on track to be issued as planned.

Upcoming: Reviews of qualified construction contractors with required skill set to do hot-work and station-work will continue. Outage plans continue to be developed for submittal to ERCOT throughout Q4 2022. Construction design packages are continuing to be issued throughout Q4 2022 with construction activity beginning shortly afterward.

Delays: Property for Greenfield 2 Station has proceeded into the condemnation process. This process has pushed the estimated in-service date of Greenfield 2 Station from November 2023 to April 2024. Overall risk remains for extended material lead times and supply chain volatility. Generator outages to perform cut-ins to the Greenfield Stations may cause adjustments or delays to the construction plan. ETT is expediting material orders to mitigate lead time exposure. No impact to schedule as of this report.

Reliability, Safety Measures, and Progress

This section will be updated as the project is further developed.

ERCOT Coordination Efforts and Regulatory Issues

Discussions regarding usage of temporary hard-taps are in progress with ERCOT.

ID	Task Name	Start	Finish	Duration	2021																															
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M
0	ETT Program	Mon 11/1/21	Fri 5/31/24	686 days	[Gantt bar for ETT Program]																															
1	San Miguel to Greenfield 1 (Tiempo) Segment	Mon 11/1/21	Fri 9/29/23	509 days	[Gantt bar for San Miguel to Greenfield 1 Segment]																															
2	Design	Mon 11/1/21	Mon 10/31/22	266 days	DESIGN [Gantt bar]																															
3	Procurement	Fri 4/8/22	Wed 11/30/22	172 days	PROCUREMENT [Gantt bar]																															
4	Construction	Mon 10/31/22	Fri 9/29/23	244 days	CONSTRUCTION [Gantt bar]																															
5	Greenfield 1 (Tiempo) to N. Edinburg Segment	Sat 1/1/22	Sun 12/31/23	529 days	[Gantt bar for Greenfield 1 to N. Edinburg Segment]																															
6	Design	Sat 1/1/22	Wed 11/30/22	242 days	DESIGN [Gantt bar]																															
7	Procurement	Wed 4/27/22	Fri 3/31/23	248 days	PROCUREMENT [Gantt bar]																															
8	Construction	Tue 1/3/23	Sun 12/31/23	263 days	CONSTRUCTION [Gantt bar]																															
9	N. Edinburg to Kingfisher Segment	Tue 3/1/22	Fri 5/31/24	598 days	[Gantt bar for N. Edinburg to Kingfisher Segment]																															
10	Design	Tue 3/1/22	Thu 5/25/23	329 days	DESIGN [Gantt bar]																															
11	Procurement	Wed 4/27/22	Tue 10/31/23	403 days	PROCUREMENT [Gantt bar]																															
12	Construction	Tue 6/27/23	Fri 5/31/24	247 days	CONSTRUCTION [Gantt bar]																															
13	ETT Stations Expansion	Sat 1/1/22	Fri 9/29/23	463 days	[Gantt bar for ETT Stations Expansion]																															
14	Design	Sat 1/1/22	Fri 9/15/23	453 days	DESIGN [Gantt bar]																															
15	Procurement	Mon 1/3/22	Thu 9/28/23	461 days	PROCUREMENT [Gantt bar]																															
16	Construction	Tue 11/1/22	Fri 9/29/23	243 days	CONSTRUCTION [Gantt bar]																															
17	Greenfield 1 (Tiempo) Station	Mon 11/1/21	Mon 5/15/23	409 days	[Gantt bar for Greenfield 1 Station]																															
18	Design	Mon 11/1/21	Mon 10/31/22	266 days	DESIGN [Gantt bar]																															
19	Procurement	Thu 2/17/22	Fri 3/31/23	297 days	PROCUREMENT [Gantt bar]																															
20	Construction	Mon 8/15/22	Mon 5/15/23	200 days	CONSTRUCTION [Gantt bar]																															
21	Greenfield 2 (Rapido) Station	Sat 1/1/22	Wed 5/15/24	627 days	[Gantt bar for Greenfield 2 Station]																															
22	Design	Sat 1/1/22	Wed 3/15/23	319 days	DESIGN [Gantt bar]																															
23	Procurement	Fri 5/6/22	Sun 7/30/23	328 days	PROCUREMENT [Gantt bar]																															
24	Construction	Wed 2/15/23	Wed 5/15/24	329 days	CONSTRUCTION [Gantt bar]																															
25	Greenfield 3 (Pronto) Station	Sat 1/1/22	Wed 11/15/23	497 days	[Gantt bar for Greenfield 3 Station]																															
26	Design	Sat 1/1/22	Fri 6/30/23	397 days	DESIGN [Gantt bar]																															
27	Procurement	Fri 5/6/22	Thu 6/1/23	285 days	PROCUREMENT [Gantt bar]																															
28	Construction	Thu 12/15/22	Wed 11/15/23	245 days	CONSTRUCTION [Gantt bar]																															

Public Utility Commission of Texas

LRGV Second Circuit Progress Report

San Miguel to Greenfield 1 (Tiempo) Station Segment



Project Description

Report Period	4Q 2022
TSP Project Number	ETT-184
Line Miles	105 miles existing ETT ROW
Counties Affected	Webb, LaSalle, McMullen
% Complete-Design	90%
% Complete-Procurement	70%
% Complete-Construction	2%
Project Description	ETT will construct approximately 63 miles in the second circuit position on the ETT portion of the double-circuit 345-kv transmission line that runs from San Miguel to Greenfield 1 and associated station connection at Greenfield 1. Approximately 42 miles in the second circuit position have already been constructed.



Project Progress Summary

Engagement with STEC regarding interconnection has begun and discussions are ongoing with an agreed upon completion date of 9/30/2023

Completed: Construction Contractors negotiations underway with start of construction anticipated in Q4 2022. Initial Outage plans have been submitted to ERCOT in Q3 2022.

Upcoming: Designs targeted to be complete by end of October 2022. ROW flagging to be conducted in Q4 2022. Non-Reclose Order plans will continue to be submitted to ERCOT throughout Q4 2022.

Project Tasks and Time Estimates

Project Tasks	Baseline	Plan	Actual
Design Start	11/1/2021	11/1/2021	11/1/2021
Design Finish	8/31/2022	10/31/2022	
Procurement Start	2/1/2022	4/8/2022	4/8/2022
Procurement Finish	11/30/2022	11/30/2022	
Construction Start	8/1/2022	11/15/2022	
Construction Finish	9/29/2023	9/29/2023	
Energization	9/29/2023	10/1/2023	

Project Delays

This section will be updated as the project is further developed. One risk to the project is extended material lead times. Coordination with distribution operator on under-build relocation is under way.

Protected Information

This section will be updated as the project is further developed.

Public Utility Commission of Texas

LRGV Second Circuit Progress Report

Greenfield 1 (Tiempo) Station to North Edinburg Segment



Project Description

Report Period	4Q 2022
TSP Project Number	ETT-185
Line Miles	112 miles existing ETT ROW
Counties Affected	Zapata, Starr, Hidalgo
% Complete-Design	60%
% Complete-Procurement	50%
% Complete-Construction	0%

Project Description ETT will construct approximately 78 miles of line in the second circuit position on the ETT-owned portion of the double-circuit 345-kV transmission line that runs from Greenfield 1 to North Edinburg and associated station connections. Approximately 34 miles in the second circuit position have already been constructed.



Project Progress Summary

Completed: Material orders have been completed for a portion of the project. Documentation has been developed and submitted for consideration for to accommodate TXDOT Highway 83 widening.

Upcoming: Designs are anticipated to be completed by mid-November and mid-December 2022. Steel Poles and arms are in the process of being delivered. Review of qualified construction contractors is ongoing. Outage plans to perform cut-ins to stations are being developed and will begin submittal to ERCOT in Q4 2022.

Project Tasks and Time Estimates

Project Tasks	Baseline	Plan	Actual
Design Start	1/1/2022	1/1/2022	1/1/2022
Design Finish	11/30/2022	12/16/2022	
Procurement Start	6/1/2022	6/1/2022	4/27/2022
Procurement Finish	3/31/2023	3/31/2023	
Construction Start	1/1/2023	1/03/2023	
Construction Finish	12/31/2023	12/31/2023	
Energization	12/31/2023	12/31/2023	

Project Delays

This section will be updated as the project is further developed. Risk to the project is extended material lead times. Outages will be coordinated with Generators to route their lines to the Greenfield Stations. Delays could be experienced should the Generators be reluctant to take outages in accordance with the proposed timeline. The Texas Department of Transportation has a project to widen Highway 83 in an area where the transmission line has turning structures to cross. Energization date is contingent upon ERCOT approving usage of temporary tap.

Protected Information

This section will be updated as the project is further developed.

Public Utility Commission of Texas

LRGV Second Circuit Progress Report

North Edinburg to Kingfisher Segment



Project Description

Report Period	4Q 2022
TSP Project Number	ETT-186
Line Miles	48 miles existing ETT ROW
Counties Affected	Hidalgo, Cameron
% Complete-Design	20%
% Complete-Procurement	20%
% Complete-Construction	0%
Project Description	ETT will construct approximately 48 miles in the second circuit position on the ETT-owned portion of the double-circuit 345-kV transmission line that runs from North Edinburg to a point-of-interconnection near Kingfisher and associated station connections.



Project Progress Summary

Engagement with Sharyland regarding interconnection has begun and is ongoing.

Completed: Insulator purchase orders have been placed with an expected delivery date of 2023. Conductor production slots have been reserved with the manufacturer with 2023 as the start of delivery expected. Review of current Right-Of-Way rights, restrictions, and a study to identify possible encroachments is complete. Issues have been identified and ETT has started a mitigation plan. Forestry was engaged to review clearing needs with only construction mowing identified.

Upcoming: Steel arms, steel poles, and additional material procurement will continue as structure designs finish. Review of qualified construction contractors has started. Outage plans to perform cut-ins to stations are being developed and will begin submittal to ERCOT early Q4 2022.

Project Tasks and Time Estimates

Project Tasks	Baseline	Plan	Actual
Design Start	4/1/2022	4/1/2022	3/1/2022
Design Finish	2/28/2023	3/1/2023	
Procurement Start	10/1/2022	10/1/2022	4/27/2022
Procurement Finish	10/31/2023	10/31/2023	
Construction Start	7/1/2023	6/27/2023	
Construction Finish	5/31/2024	5/31/2024	
Energization	5/31/2024	5/31/2024	

Project Delays

This section will be updated as the project is further developed. Risk to the project is extended material lead times.

Protected Information

This section will be updated as the project is further developed.

Public Utility Commission of Texas

LRGV Second Circuit Progress Report

ETT Stations Expansion



Project Description

Report Period	4Q 2022
TSP Project Number	ETT-187
Counties Affected	Webb, Starr, Hidalgo
% Complete-Design	75%
% Complete-Procurement	30%
% Complete-Construction	0%
Project Description	Expand ETT's Lobo, Cenizo, Del Sol, and Pomelo stations



Project Progress Summary

Completed: Below and Above grade design has been completed. Initial Outage plans have been submitted to ERCOT in Q3 2022.

Upcoming: Material deliveries anticipated to start in Q4 2022. Review of qualified construction contractors has started in Q4 2022.

Project Tasks and Time Estimates

Project Tasks	Baseline	Plan	Actual
Design Start	1/1/2022	1/1/2022	1/1/2022
Design Finish	9/15/2023	4/17/2023	
Procurement Start	1/3/2022	1/3/2022	1/3/2022
Procurement Finish	4/30/202	9/28/2023	
Construction Start	11/1/2022	2/8/2023	
Construction Finish	9/29/2023	9/29/2023	
Energization	9/29/2023	9/29/2023	

Project Progress Summary

This section will be updated as the project is further developed. Risk to the project is extended material lead times. Coordination with ERCOT for station outages to connect new portions of the stations will continue through the entirety of the installation, but delayed outages equate to project delays.

Protected Information

This section will be updated as the project is further developed.

Public Utility Commission of Texas

LRGV Second Circuit Progress Report

Greenfield 1 (Tiempo) Station



Project Description

Report Period	4Q 2022
TSP Project Number	ETT-188
Counties Affected	Zapata
% Complete-Design	90%
% Complete-Procurement	90%
% Complete-Construction	25%
Project Description	Build a new 345-kV station on the Lobo-to-North Edinburg line and associated connections



Project Progress Summary

ETT continues to make significant progress toward completing Greenfield 1 Station.

Completed: Design is 90% complete. Foundations are 75% complete.

Upcoming: Structural Steel is scheduled to be installed in Q4 2022. Outage plans have been prepared for submission to ERCOT as required under the ERCOT outage submission guidelines.

Project Tasks and Time Estimates

Project Tasks	Baseline	Plan	Actual
Design Start	11/1/2021	11/1/2021	11/1/2021
Design Finish	8/31/2023	8/31/2023	
Procurement Start	5/1/2022	5/1/2022	3/1/2022
Procurement Finish	6/30/2023	3/31/2023	
Construction Start	11/1/2022	8/15/2022	
Construction Finish	9/29/2023	5/10/2023	
Energization	9/29/2023	5/10/2023	

Project Delays

This section will be updated as the project is further developed. Risk to the project is extended material lead times and volatile supply chains. Delays could be experienced should the Generators be reluctant to take outages in accordance with the proposed timeline.

Protected Information

This section will be updated as the project is further developed.

Public Utility Commission of Texas

LRGV Second Circuit Progress Report

Greenfield 2 (Rapido) Station



Project Description

Report Period	4Q 2022
TSP Project Number	ETT-189
Counties Affected	Starr, Zapata
% Complete-Design	30%
% Complete-Procurement	50%
% Complete-Construction	0%
Project Description	Build a new 345 kV station on the Lobo to North Edinburg line and associated connections



Project Progress Summary

Completed: Project team has been on-boarded and suitable properties have been identified. Right-of-entry to survey site was executed with the landowner. Major long lead materials are on order.

Upcoming: Site development team continues discussions with property owners to secure property options. Engineering field surveys and Geotech activities will take place once access to the property is secured. Outage plans will be submitted to ERCOT once certainty on land rights is obtained.

Project Tasks and Time Estimates

Project Tasks	Baseline	Plan	Actual
Design Start	1/1/2022	1/1/2022	1/1/2022
Design Finish	9/30/2023	3/15/2023	
Procurement Start	6/1/2022	6/1/2022	6/1/2022
Procurement Finish	7/30/2023	7/30/2023	
Construction Start	1/1/2023	5/15/2023	
Construction Finish	10/31/2023	5/15/2024	
Energization	10/31/2023	5/15/2024	

Project Delays

At this time, ETT has experienced delays in the procurement of station property that will push the estimated in-service date of Greenfield 2 Station from November 2023 to April 2024. Continued delays with procuring necessary land rights, could further delay the schedule. Risk to the project is extended material lead times and supply chain volatility. Outages will be coordinated with Generators to route their lines to the Greenfield Stations. Delays could be experienced should the generators be reluctant to take outages in accordance with the proposed timeline.

Protected Information

This section will be updated as the project is further developed.

Public Utility Commission of Texas

LRGV Second Circuit Progress Report

Greenfield 3 (Pronto) Station



Project Description

Report Period	4Q 2022
TSP Project Number	ETT-190
Counties Affected	Starr
% Complete-Design	75%
% Complete-Procurement	50%
% Complete-Construction	0%
Project Description	Build a new 345 kV station on the Lobo to North Edinburg line and associated connections



Project Progress Summary

Completed: All material purchase orders have been placed. A right of entry for construction was executed with the landowner.

Upcoming: Site construction anticipated to start late Q4 2022.

Project Tasks and Time Estimates

Project Tasks	Baseline	Plan	Actual
Design Start	1/1/2022	1/1/2022	1/1/2022
Design Finish	6/30/2023	6/30/2023	
Procurement Start	2/1/2022	2/1/2022	6/1/2022
Procurement Finish	2/28/2023	6/1/2023	
Construction Start	8/1/2022	12/15/2022	
Construction Finish	7/30/2023	11/15/2023	
Energization	7/30/2023	11/15/2023	

Project Delays

Risk to the project is extended material lead times. Outages will be coordinated with generators to route their lines to the Greenfield Stations. Aligning generator outages to perform cut-ins along with coordinating outages outside the ERCOT summer moratorium may cause adjustments or delays to the construction plan.

Protected Information

This section will be updated as the project is further developed.