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

February 1, 2024

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. This is the tenth report filed by ETT since November 1, 2021. Our progress to date is summarized in the paragraphs below.

The report consists of details for each ETT project including anticipated completion dates. 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 - November/December 2024. Due to Fowlerton circuit #2 line terminal at Lobo station and Lobo Station work, construction is anticipated to be complete by May 2024. North Edinburg to Kingfisher is anticipated to be complete by May 2024 as well.

ETT has been actively working to mitigate project in-service delays for the LRGV 2nd Circuit project. However, due to increased reliability challenges related to the transmission outage maintenance for winter, ongoing thermal generation outages and conflicting transmission outages, ETT experienced several ERCOT outage cancellations. These outages are needed to complete the Fowlerton to North Edinburg portion of the ETT 2nd Circuit project which were denied in 2023 and need to be completed in May 2024 to put the line into service. Currently, ETT is evaluating options to modify construction work that may be performed under shorter outage windows and working with ERCOT to monitor outage conflicts that may allow completion in 2024. If these conflicts remain unresolved, it is unlikely that work will be completed prior to Summer 2024.

Please note significant portions of the line and substations have been placed into service according to schedule. Only those segments that have been denied outages for cut-in of the line remain for the line to go into service.

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 A. Fox". The signature is written in a cursive, slightly slanted style.

Kip Fox
President, Electric Transmission Texas, LLC

Public Utility Commission of Texas

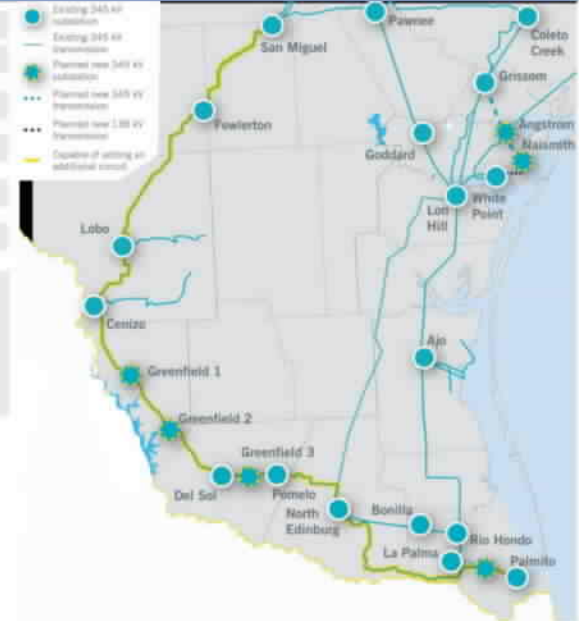
LRGV Second Circuit Progress Report



Executive Summary

Summary

Report Period	1Q 2024
Line Miles	265 miles existing ETT Right-of-Way (ROW)
Counties Affected	Webb, LaSalle, McMullen, Zapata, Starr, Hidalgo
% Complete-Design	100%
% Complete-Procurement	90%
% Complete-Construction	85%
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.

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: Construction progress has increased from 29% to 85%. 141 miles of conductor has been installed and 48 miles are remaining on the overall project. Construction has begun on the line segment from North Edinburg to Kingfisher. Transmission line designs and physical station designs and much of the station settings are complete with a few settings remaining. The line segment between Lobo and North Edinburg is complete and is energized. The Greenfield 1 (Tiempo), Greenfield 2 (Rapido), and Greenfield 3 (Pronto) 345-kV stations have been energized.

Upcoming: Clearing and SWPPP activities are complete and line construction is underway on the remaining 48 miles that need to be completed.

Delays: Construction progress is on schedule. However, denials of ETT's outage requests for in/around Lobo substation has resulted in a delay for completion of the Fowlerton circuits terminating into Lobo Station until 5/31/2024. ERCOT's justification for the denials has been due to ongoing thermal generation outages and conflicting transmission outages in the LRGV.

Reliability, Safety Measures, and Progress

To date, there have been no lost time incidents. ETT has implemented proactive safety measures to ensure a safe work environment.

ERCOT Coordination Efforts and Regulatory Issues

ETT has attempted to work with ERCOT to resolve concerns around ongoing unresolved stability issues in the LRGV, which have resulted in multiple outage requests being denied.

Public Utility Commission of Texas

LRGV Second Circuit Progress Report

San Miguel to Greenfield 1 (Tiempo) Station Segment



Project Description

Report Period	1Q 2024
TSP Project Number	ETT-184
Line Miles	105 miles existing ETT ROW
Counties Affected	Webb, LaSalle, McMullen
% Complete-Design	100%
% Complete-Procurement	100%
% Complete-Construction	90%
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.



Project Progress Summary

Line work is 99% complete with work remaining on the Lobo to Fowlerston line outside the Lobo Station. ERCOT rejected outages have caused a delay in completion of the second Fowlerston line terminal into Lobo Station. Altering plan at line terminals at Lobo Station to satisfy ERCOT operations and shorten outage durations and emergency restoration times.

Completed: All of ETT's 63 miles of conductor has been strung in the second circuit position from Lobo going north to POI with STEC and line is energized. The 27 mile line section from Lobo to Molina/Cenizo has been converted from 138kV to 345kV. The 15 mile line section from Cenizo to Reloj Del Sol Windfarm was operated at 345kV prior to project and has been cut into the New Tiempo Station which is also complete.

Upcoming: OPGW splicing is complete short of terminations at Lobo. Engineering on the T-Line and station have been re-started to address ERCOT outage concerns.

Project Tasks and Time Estimates

Project Tasks	Baseline	Plan	Actual
Design Start	11/01/2021	11/01/2021	11/01/2021
Design Finish	08/31/2022	10/31/2022	10/31/2022
Procurement Start	02/01/2022	04/08/2022	04/08/2022
Procurement Finish	11/30/2022	11/30/2022	08/31/2023
Construction Start	08/01/2022	11/15/2022	11/15/2022
Construction Finish	09/29/2023	05/31/2024	
Energization	09/29/2023	05/31/2024	

Project Delays

Staff worked with preferred material vendors to supply all materials in 2023, however, extended material lead times has led to a 22 working-day delay for Construction Finish and Energization from September 2023 to November 2023. ERCOT rejected the outage requested from 09/20/23 – 10/03/23 due to load in the Laredo area at the time. Due to loading and generation capacity, ERCOT has cancelled multiple outage windows and is now expected to finish on May 31, 2024. Please note that completion of the ETT portion of the second circuit has moved into 2024 due to the repeated outage cancellations.

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	1Q 2024
TSP Project Number	ETT-185
Line Miles	112 miles existing ETT ROW
Counties Affected	Zapata, Starr, Hidalgo
% Complete-Design	100%
% Complete-Procurement	100%
% Complete-Construction	100%
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.



Project Progress Summary

Material procurement is complete, and construction is complete on the three (3) line segments.

Completed: All construction is complete.

Upcoming: N/A

Project Tasks and Time Estimates

Project Tasks	Baseline	Plan	Actual
Design Start	01/01/2022	01/01/2022	01/01/2022
Design Finish	11/30/2022	01/31/2023	01/31/2023
Procurement Start	06/01/2022	06/01/2022	04/27/2022
Procurement Finish	03/31/2023	11/10/2023	
Construction Start	01/01/2023	03/06/2023	04/10/2023
Construction Finish	12/31/2023	12/13/2023	12/18/2023
Energization	12/31/2023	12/13/2023	12/19/2023

Project Delays

Project is complete

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 (Palmito)



Project Description

Report Period	1Q 2024
TSP Project Number	ETT-186
Line Miles	48 miles existing ETT ROW
Counties Affected	Hidalgo, Cameron
% Complete-Design	100%
% Complete-Procurement	100%
% Complete-Construction	45%
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

Material procurement and engagement with Sharyland regarding interconnection is ongoing.

Completed: Insulator purchase orders have been placed with an expected delivery in Q1 2024. Conductor has been delivered. Review of current Right-Of-Way rights, restrictions, and study to identify encroachments is complete. Design for the line segment is complete. Clearing and SWPPP items have been completed. 67 of 94 foundations have been poured. Approximately 50% of arms have been installed. 24 of 94 structures have been set.

Upcoming: Outage plans to perform cut-ins to stations are being developed. Major project construction materials are expected to be completely delivered by 1/31/2024, with remaining insulators being the last item due in. Structure foundations are expected to be completed in early February 2024, with arm installation and structure setting continuing. ETT continues to remove ROW encroachments, obtain temporary pulling easements, and pursue TRO's for uncooperative landowners/tenants.

Project Tasks and Time Estimates

Project Tasks	Baseline	Plan	Actual
Design Start	04/01/2022	04/01/2022	03/01/2022
Design Finish	02/28/2023	03/01/2023	04/03/2023
Procurement Start	10/01/2022	10/01/2022	04/27/2022
Procurement Finish	10/31/2023	12/31/2023	
Construction Start	07/01/2023	07/30/2023	10/09/2023
Construction Finish	05/31/2024	05/31/2024	
Energization	05/31/2024	05/31/2024	

Project Delays

Risk to the project is extended material lead times and mitigating encroachment issues in a timely manner. Foundation crew mobilization was delayed one week due to inclement weather.

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	1Q 2024
TSP Project Number	ETT-187
Counties Affected	Webb, Starr, Hidalgo
% Complete-Design	100%
% Complete-Procurement	100%
% Complete-Construction	95%
Project Description	Expand ETT's Lobo, Cenizo, Del Sol, and Pomelo stations



Project Progress Summary

Completed: All Cenizo, Del Sol, and Pomelo construction is complete. Lobo Physical Station construction is complete.

Upcoming: Lobo P&C re-engineering is taking place due to a change in plans on the termination of the Fowlerton lines, due to ERCOT restricting the number of hours on the Emergency Restoration Time (ERT) which was not achievable on the originally planned clearance. Remaining P&C work and line terminal work on the Fowlerton terminals will require clearances in the Spring of 2024.

Project Tasks and Time Estimates

Project Tasks	Baseline	Plan	Actual
Design Start	01/01/2022	01/01/2022	01/01/2022
Design Finish	09/15/2023	09/15/2023	09/30/2023
Procurement Start	01/03/2022	01/03/2022	03/01/2022
Procurement Finish	04/30/2023	09/28/2023	09/30/2023
Construction Start	11/01/2022	02/08/2023	02/16/2023
Construction Finish	09/29/2023	05/31/2024	
Energization	09/29/2023	05/31/2024	

Project Delays

Daily post-moratorium outages for Lobo were cancelled by ERCOT through the end of calendar year 2023. Coordination with ERCOT for Lobo Station outages to complete remaining P&C work will continue through the planned In-Service-Date. Completion of Lobo construction has pushed into 2024 due to repeated ERCOT outage cancellations.

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	1Q 2024
TSP Project Number	ETT-188
Counties Affected	Zapata
% Complete-Design	100%
% Complete-Procurement	100%
% Complete-Construction	100%
Project Description	Build a new 345 kV station on the Lobo-to-North Edinburg line and associated connections



Project Progress Summary

Completed: Substation is in-service.

Upcoming: N/A

Project Tasks and Time Estimates

Project Tasks	Baseline	Plan	Actual
Design Start	11/01/2021	11/01/2021	03/05/2022
Design Finish	08/31/2023	08/31/2023	11/10/2022
Procurement Start	05/01/2022	05/01/2022	03/01/2022
Procurement Finish	06/30/2023	06/09/2023	06/30/2023
Construction Start	11/01/2022	08/15/2022	10/03/2022
Construction Finish	09/29/2023	10/15/2023	11/13/2023
Energization	09/29/2023	10/27/2023	11/13/2023

Project Delays

N/A

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	1Q 2024
TSP Project Number	ETT - 189
Counties Affected	Starr, Zapata
% Complete-Design	100%
% Complete-Procurement	100%
% Complete-Construction	100%
Project Description	Build a new 345 kV station on the Lobo to North Edinburg line and associated connections



Project Progress Summary

Completed: Substation is in-service.

Upcoming: N/A

Project Tasks and Time Estimates

Project Tasks	Baseline	Plan	Actual
Design Start	01/01/2022	01/01/2022	01/01/2022
Design Finish	09/30/2023	03/15/2023	06/01/2023
Procurement Start	06/01/2022	06/01/2022	09/01/2022
Procurement Finish	07/30/2023	10/01/2023	10/01/2023
Construction Start	01/01/2023	05/15/2023	06/10/2023
Construction Finish	10/31/2023	11/18/2023	12/22/2023
Energization	10/31/2023	12/28/2023	12/22/2023

Project Delays

N/A

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	1Q 2024
TSP Project Number	ETT-190
Counties Affected	Starr
% Complete-Design	100%
% Complete-Procurement	100%
% Complete-Construction	100%
Project Description	Build a new 345 kV station on the Lobo to North Edinburg line and associated connections



Project Progress Summary

Completed: Substation is in-service.

Upcoming: N/A

Project Tasks and Time Estimates

Project Tasks	Baseline	Plan	Actual
Design Start	01/01/2022	01/01/2022	01/01/2022
Design Finish	06/30/2023	06/30/2023	06/30/2023
Procurement Start	02/01/2022	02/01/2022	05/15/2022
Procurement Finish	02/28/2023	09/30/2023	09/30/2023
Construction Start	08/01/2022	12/15/2022	12/15/2022
Construction Finish	07/30/2023	11/15/2023	11/16/2023
Energization	07/30/2023	11/15/2023	11/16/2023

Project Delays

N/A

Protected Information

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