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

November 1, 2023

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

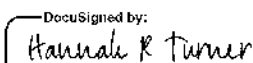
In the October 14, 2021 Order, the Commission ordered transmission service providers, including Electric Transmission Texas, LLC (ETT), to provide quarterly progress reports to the Commission regarding the status in completing construction of the ordered transmission line and facilities. This is the ninth 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.

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 extended summer temperatures, 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 in 2023. 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 2023. If these conflicts remain unresolved, it is unlikely that work will be completed prior to Winter peak 2024.

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

Sincerely,

DocuSigned by:
A handwritten signature in black ink that reads "Hannah R. Turner".

03ADAA46116240C
Hannah R. Turner
VP Finance & Regulatory
Electric Transmission Texas, LLC

Public Utility Commission of Texas

LRGV Second Circuit Progress Report



Executive Summary

Summary

Report Period	4Q 2023
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	75%
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 75%. 115 miles of conductor has been installed and 74 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. ETT has submitted all outage requests necessary for completion of the line segment between Lobo and North Edinburg for completion on December 31, 2023. The Greenfield 1 (Tiempo) 345 kV station has been energized.

Upcoming: Material deliveries are expected to be completed for the line and station segments between Lobo and North Edinburg by November 15, 2023. Foundations on both line and station portions continue to progress and above grade construction at the stations is well underway. Line conductor completion activities continue from Fowlerton to Pomelo Station. Foundation and pole work continue on the Pomelo-North Edinburg Segment. Clearing and SWPPP activities have begun on the North Edinburg - Kingfisher segment.

Delays: Construction progress is on schedule. However, denials of ETT's outage request for in/around Lobo Substation has resulted in a delay for completion from September 2023 to December 2023, which may extend into 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

A temporary tap plan at Reloj Del Sol Windfarm has been approved by ERCOT to allow the line segment between Greenfield 1 (Tiempo) and Del Sol to be completed if Greenfield 2 (Rapido) is unable to be cut-in prior to the end of the year. 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	4Q 2023
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

Engagement with STEC regarding interconnection has begun and discussions are ongoing with an agreed upon completion date of 12/31/2023. ERCOT rejected outages have caused a delay in substantial completion from October 2023 to December 2023 at this time.

Completed: Design packages were completed in Q4 2022. Foundation installation is complete. Material delivery is substantially complete with minor miscellaneous material items arriving in October 2023. All 63 miles of conductor has been strung in the second circuit position.

Upcoming: OPGW splicing is in process. Testing will commence once the revised outages have been approved.

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	10/31/2022
Procurement Start	2/1/2022	4/8/2022	4/8/2022
Procurement Finish	11/30/2022	11/30/2022	8/31/2023
Construction Start	8/1/2022	11/15/2022	11/15/2022
Construction Finish	9/29/2023	12/30/2023	
Energization	9/29/2023	12/30/2023	

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 9/20/23 – 10/03/23 due to load in the Laredo area at the time. Due to loading and generation capacity, ERCOT cancelled multiple outage windows and is now expected to finish on December 30, 2023. Please note that completion of the ETT portion of the second circuit is at high risk of moving 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	4Q 2023
TSP Project Number	ETT-185
Line Miles	112 miles existing ETT ROW
Counties Affected	Zapata, Starr, Hidalgo
% Complete-Design	100%
% Complete-Procurement	99%
% Complete-Construction	90%
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 progressing toward completion on the three (3) line segments.

Completed: Material orders were prioritized and have been placed for the project. Project conductor has been delivered. Designs for all line segments are complete. TXDOT Highway 83 widening ROW has been acquired. All conductor (40 miles) has been installed between Greenfield 1 and Greenfield 2. All conductor (12 miles) has been installed between Pronto - Pomelo. Foundations on dead-end structures are 75% on Pomelo - North Edinburg (26 miles). Outage plans to perform cut-ins have been submitted for approval.

Upcoming: OPGW splicing is in process. Testing will commence once the revised outages have been approved. Line segment between Rapido and Tiempo is expected to be complete by November 10, 2023.

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	1/31/2023	1/31/2023
Procurement Start	6/1/2022	6/1/2022	4/27/2022
Procurement Finish	3/31/2023	11/10/2023	
Construction Start	1/1/2023	3/6/2023	4/10/2023
Construction Finish	12/31/2023	12/13/2023	
Energyization	12/31/2023	12/13/2023	

Project Delays

Risk to the project is extended material lead times. Major project construction materials are expected to be delivered by early Q3 2023, but minor material delivery will continue into Q4 2023. Delays could be experienced should generators oppose taking outages to route their lines to the Greenfield stations 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

North Edinburg to Kingfisher Segment



Project Description

Report Period	4Q 2023
TSP Project Number	ETT-186
Line Miles	48 miles existing ETT ROW
Counties Affected	Hidalgo, Cameron
% Complete-Design	100%
% Complete-Procurement	45%
% 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

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 to study to identify encroachments is complete. Design for the line segment is complete.

Upcoming: ETT continues to mitigate Right-of-Way encroachment issues. Outage plans to perform cut-ins to stations are being developed. Major project construction materials are expected to be delivered in Q4 2023 to Q1 2024. Clearing and SWPPP activities have begun.

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	4/3/2023
Procurement Start	10/1/2022	10/1/2022	4/27/2022
Procurement Finish	10/31/2023	12/31/2023	
Construction Start	7/1/2023	7/30/2023	10/9/2023
Construction Finish	5/31/2024	5/31/2024	
Energization	5/31/2024	5/31/2024	

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	4Q 2023
TSP Project Number	ETT-187
Counties Affected	Webb, Starr, Hidalgo
% Complete-Design	100%
% Complete-Procurement	100%
% Complete-Construction	75%
Project Description	Expand ETT's Lobo, Cenizo, Del Sol, and Pomelo stations



Project Progress Summary

Completed: Lobo, Cenizo, Del Sol, and Pomelo station designs have been completed. Lobo, Cenizo, and Pomelo contractors have mobilized. Below grade work is complete. Del Sol contractor mobilized. Initial outage plan completed and submitted to ERCOT some outages have begun, but most are still under ERCOT review. Cenizo construction has been completed.

Upcoming: Continue to execute station construction activities utilizing night outages as necessary to comply with ERCOT summer outage restrictions. Del Sol and Pomelo contractors continue with work pending approval of ERCOT outages. Protection and Controls along with station setting design packages, will be complete for some stations in the third quarter with the remainder to follow in the fourth quarter of 2023.

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	9/15/2023	9/30/2023
Procurement Start	1/3/2022	1/3/2022	3/1/2022
Procurement Finish	4/30/2023	9/28/2023	9/30/2023
Construction Start	11/1/2022	2/8/2023	2/16/2023
Construction Finish	9/29/2023	12/28/2023	
Energization	9/29/2023	12/28/2023	

Project Delays

Close monitoring of material deliveries remains a project priority. Daily post-moratorium outages for Lobo were cancelled by ERCOT. Coordination with ERCOT for station outages to connect new portions of the stations will continue through the entirety of the installation. ERCOT has on multiple occasions cancelled 345 kV bus outages at Lobo which would connect new line terminals into the station. Completion of Lobo construction is at a high risk of pushing 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	4Q 2023
TSP Project Number	ETT-188
Counties Affected	Zapata
% Complete-Design	100%
% Complete-Procurement	100%
% Complete-Construction	99%
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: Punchlist work.

Project Tasks and Time Estimates

Project Tasks	Baseline	Plan	Actual
Design Start	11/1/2021	11/1/2021	3/5/2022
Design Finish	8/31/2023	8/31/2023	11/10/2022
Procurement Start	5/1/2022	5/1/2022	3/1/2022
Procurement Finish	6/30/2023	6/9/2023	6/30/2023
Construction Start	11/1/2022	8/15/2022	10/3/2022
Construction Finish	9/29/2023	10/15/2023	10/15/2023
Energization	9/29/2023	10/27/2023	

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 2 (Rapido) Station



Project Description

Report Period	4Q 2023
TSP Project Number	ETT-189
Counties Affected	Starr, Zapata
% Complete-Design	100%
% Complete-Procurement	90%
% Complete-Construction	60%
Project Description	Build a new 345 kV station on the Lobo to North Edinburg line and associated connections



Project Progress Summary

Completed: Engineering and station pad are complete. Access road and below grade scope are near completion. Circuit breaker installation is complete.
Upcoming: Installation of bus work and equipment continues. P&C construction is underway.

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	6/1/2023
Procurement Start	6/1/2022	6/1/2022	9/1/2022
Procurement Finish	7/30/2023	10/1/2023	10/1/2023
Construction Start	1/1/2023	5/15/2023	6/10/2023
Construction Finish	10/31/2023	11/18/2023	
Energization	10/31/2023	12/28/2023	

Project Delays

After delays in the procurement of station property a compressed construction plan was put into play to make the station available for cut-in during 2023 if outages allow for it. ETT submitted a request to ERCOT to secure a temporary tap to bypass the station if required to complete the second circuit this year. 345 kV circuit breakers were a few months late from the vendor, but are now installed facilitating the installation of station bus material.

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 2023
TSP Project Number	ETT-190
Counties Affected	Starr
% Complete-Design	100%
% Complete-Procurement	100%
% Complete-Construction	90%
Project Description	Build a new 345 kV station on the Lobo to North Edinburg line and associated connections



Project Progress Summary

Completed: Access road, civil, foundation and below grade construction is complete. Above grade construction is nearing completion and P&C work is ongoing. The line from Del Sol to Mig Howard Wind Facility is currently cleared to cut the lines into Pronto with an anticipated energization date of 11/15/2023.

Upcoming: Station energization is currently scheduled for November 15, 2023.

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	6/30/2023
Procurement Start	2/1/2022	2/1/2022	5/15/2022
Procurement Finish	2/28/2023	9/30/2023	9/30/2023
Construction Start	8/1/2022	12/15/2022	12/15/2022
Construction Finish	7/30/2023	11/15/2023	
Energization	7/30/2023	11/15/2023	

Project Delays

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 has caused schedule and construction adjustments reflected in the changed Construction and Energization dates.

Protected Information

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