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Electric Transmission Texas,
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Austin, TX 78701-1677
ETTexas.com

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

January 31, 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. ETT filed the first, second, third, fourth, and fifth quarterly reports on November 1, 2021, February 1, 2022, April 29, 2022, July 29, 2022 and November 1, 2022, respectively, and is hereby providing the sixth 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	1Q 2023
Line Miles	265 miles existing ETT Right-of-Way (ROW)
Counties Affected	Webb, LaSalle, McMullen, Zapata, Starr, Hidalgo
% Complete-Design	88%
% Complete-Procurement	53%
% Complete-Construction	3%
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: Design process continues to progress. In Q4 2022, the line designs for San Miguel to Greenfield 1 and Greenfield 1 to 2 were completed. Additionally, the station expansion designs for Cenizo, Del Sol, and Pomelo were also completed.

Upcoming: Remaining design packages are targeted to be issued for construction at the end of Q1 2023. Foundations on both line and station portions continue to progress into Q1 2023.

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 May 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 2022 2023 2024																											
					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
0	ETT Program	Mon 11/1/21	Fri 5/31/24	686 days																												
1	San Miguel to Greenfield 1 (Tiempo Segment)	Mon 11/1/21	Wed 11/1/23	533 days																												
2	Design	Mon 11/1/21	Mon 10/31/22	266 days	DESIGN																											
3	Procurement	Fri 4/8/22	Wed 11/30/22	172 days	PROCUREMENT																											
4	Construction	Tue 11/15/22	Wed 11/1/23	257 days	CONSTRUCTION																											
5	Greenfield 1 (Tiempo) to N. Edinburg Segment	Sat 1/1/22	Sun 12/31/23	529 days																												
6	Design	Sat 1/1/22	Tue 1/31/23	288 days	DESIGN																											
7	Procurement	Wed 4/27/22	Thu 8/31/23	359 days	PROCUREMENT																											
8	Construction	Mon 3/6/23	Sun 12/31/23	219 days	CONSTRUCTION																											
9	N. Edinburg to Kingfisher Segment	Tue 3/1/22	Fri 5/31/24	598 days																												
10	Design	Tue 3/1/22	Wed 3/1/23	267 days	DESIGN																											
11	Procurement	Wed 4/27/22	Tue 10/31/23	403 days	PROCUREMENT																											
12	Construction	Tue 6/27/23	Fri 5/31/24	247 days	CONSTRUCTION																											
13	ETT Stations Expansion	Sat 1/1/22	Fri 9/29/23	463 days																												
14	Design	Sat 1/1/22	Mon 4/17/23	343 days	DESIGN																											
15	Procurement	Mon 1/3/22	Thu 9/28/23	461 days	PROCUREMENT																											
16	Construction	Wed 2/8/23	Fri 9/29/23	170 days	CONSTRUCTION																											
17	Greenfield 1 (Tiempo) Station	Mon 11/1/21	Sun 10/15/23	520 days																												
18	Design	Mon 11/1/21	Thu 8/31/23	488 days	DESIGN																											
19	Procurement	Tue 3/1/22	Fri 3/31/23	289 days	PROCUREMENT																											
20	Construction	Mon 8/15/22	Sun 10/15/23	312 days	CONSTRUCTION																											
21	Greenfield 2 (Rapido) Station	Sat 1/1/22	Wed 5/15/24	627 days																												
22	Design	Sat 1/1/22	Wed 3/15/23	319 days	DESIGN																											
23	Procurement	Wed 6/1/22	Sun 7/30/23	309 days	PROCUREMENT																											
24	Construction	Mon 5/15/23	Wed 5/15/24	265 days	CONSTRUCTION																											
25	Greenfield 3 (Pronto) Station	Sat 1/1/22	Sun 12/10/23	514 days																												
26	Design	Sat 1/1/22	Fri 6/30/23	397 days	DESIGN																											
27	Procurement	Wed 6/1/22	Thu 6/1/23	266 days	PROCUREMENT																											
28	Construction	Thu 12/15/22	Sun 12/10/23	263 days	CONSTRUCTION																											

Public Utility Commission of Texas

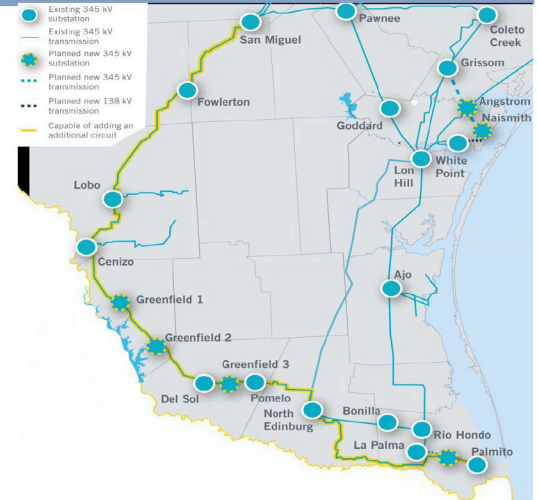
LRGV Second Circuit Progress Report

San Miguel to Greenfield 1 (Tiempo) Station Segment



Project Description

Report Period	1Q 2023
TSP Project Number	ETT-184
Line Miles	105 miles existing ETT ROW
Counties Affected	Webb, LaSalle, McMullen
% Complete-Design	100%
% Complete-Procurement	82%
% 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: Design packages were completed in Q4 2022. All material has been ordered. Initial foundation installations have been complete.

Upcoming: Material deliveries will be substantially complete in Q1 2023 with miscellaneous items completing in Q3 2023. TXDOT crossing permit will be obtained within Q2 2023.

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	
Construction Start	8/1/2022	11/15/2022	11/15/2022
Construction Finish	9/29/2023	11/1/2023	
Energization	9/29/2023	11/1/2023	

Project Delays

Extended material lead times has led to a 22 working day delay for Construction Finish and Energization. Project staff is working closely with preferred vendors, but have also identified alternative material vendors that can supply material to maintain a 2023 deliver date. 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	1Q 2023
TSP Project Number	ETT-185
Line Miles	112 miles existing ETT ROW
Counties Affected	Zapata, Starr, Hidalgo
% Complete-Design	93%
% Complete-Procurement	63%
% 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

Engineering/design and procurement are in progress. Construction is scheduled to start in Q1 2023.

Completed: Material orders were prioritized and have been placed for the vast majority of the project. Project conductor has been delivered. Design for Greenfield 1 to Greenfield 2 was issued in Q4 2022. Documentation to accommodate TXDOT Highway 83 widening was approved.

Upcoming: Remaining designs are scheduled for issuance in early Q1 2023. The major project construction material is expected to be delivered by Q2 2023, but minor material delivery will continue into Q3 2023. Initial construction activities are anticipated to commence in Q1 2023 with the bulk of construction scheduled to start in Q2 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	01/31/2023	
Procurement Start	6/1/2022	6/1/2022	4/27/2022
Procurement Finish	3/31/2023	08/31/2023	
Construction Start	1/1/2023	03/06/2023	
Construction	12/31/2023	12/31/2023	
Finish Energization	12/31/2023	12/31/2023	

Project Delays

Risk to the project is extended material lead times. The major project construction material is expected to be delivered by Q2 2023, but minor material delivery will continue into Q3 2023. Delays could be experienced should generators oppose taking outages to route their lines to the Greenfield stations in accordance with the proposed timeline. 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	1Q 2023
TSP Project Number	ETT-186
Line Miles	48 miles existing ETT ROW
Counties Affected	Hidalgo, Cameron
% Complete-Design	50%
% Complete-Procurement	25%
% 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

Engineering/design, procurement, and engagement with Sharyland regarding interconnection is ongoing.

Completed: Insulator purchase orders have been placed with an expected delivery date Q3 2023. Conductor has been delivered. Review of current Right-Of-Way rights, restrictions, and to study to identify encroachments is complete.

Upcoming: Design remains ongoing with scheduled issuance in late Q1 2023. Steel arms, steel poles, and additional material procurement will continue as structure designs finish. ETT has started a Right-of-Way encroachment issues mitigation plan. Outage plans to perform cut-ins to stations are being developed.

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

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	1Q 2023
TSP Project Number	ETT-187
Counties Affected	Webb, Starr, Hidalgo
% Complete-Design	95%
% Complete-Procurement	40%
% Complete-Construction	0%
Project Description	Expand ETT's Lobo, Cenizo, Del Sol, and Pomelo stations



Project Progress Summary

Completed: Cenizo, Del Sol, and Pomelo station designs have been completed.

Upcoming: Lobo design is anticipated to be complete in Q1 2023. All Station construction is scheduled to start by end of Q1 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	4/17/2023	
Procurement Start	1/3/2022	1/3/2022	1/3/2022
Procurement Finish	4/30/2023	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

Extended material lead times has led to the delayed start of construction. But at this time, the project finish and energization date are unchanged. Close monitoring of material deliveries remains a project priority. Coordination with ERCOT for station outages to connect new portions of the stations will continue through the entirety of the installation.

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

Report Period	1Q 2023
TSP Project Number	ETT-188
Counties Affected	Zapata
% Complete-Design	95%
% Complete-Procurement	90%
% Complete-Construction	35%
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: Foundations are 95% complete. Below grade work is in progress.

Upcoming: Station above grade work and Line foundations are scheduled for construction for Q1 2023.

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	10/15/2023	
Energization	9/29/2023	10/15/2023	

Project Delays

Extended material lead times and volatile supply chains have caused shifts in the Construction Finish and Energization Dates. Project staff is working closely with preferred vendors to minimize future delivery delays.

Delays could be experienced should the generators be reluctant to take outages in accordance with the proposed timeline. Project staff has coordinated with the generators to minimize outage impact on operations and extended the Construction Finish and Energization dates.

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 2023
TSP Project Number	ETT-189
Counties Affected	Starr, Zapata
% Complete-Design	70%
% 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: Engineering design continues.

Upcoming: Condemnation paperwork was filed on January 18, 2023 with county court.

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	10/31/2023	5/15/2024	
Finish 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 May 2024. Continued delays with procuring necessary land rights, could further delay the schedule. Risk to 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

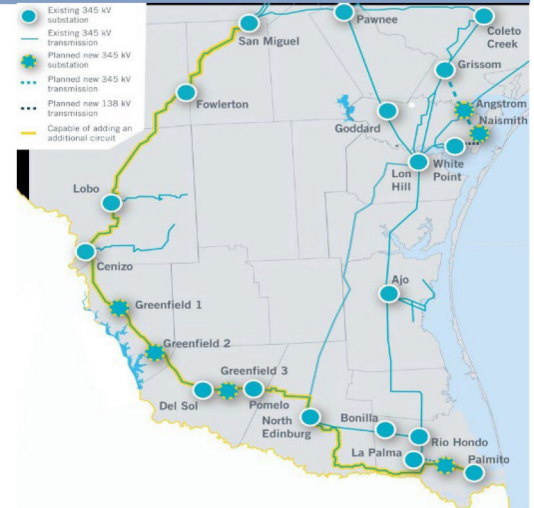
LRGV Second Circuit Progress Report

Greenfield 3 (Pronto) Station



Project Description

Report Period	1Q 2023
TSP Project Number	ETT-190
Counties Affected	Starr
% Complete-Design	90%
% Complete-Procurement	50%
% Complete-Construction	5%
Project Description	Build a new 345 kV station on the Lobo to North Edinburg line and associated connections



Project Progress Summary

Completed: Right of Way clearing has been completed. Access road construction is ongoing.

Upcoming: ETT acquired land for station in Q1 2023. Station pad construction and civil work is anticipated in Q1 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	
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	12/10/2023	
Energization	7/30/2023	12/10/2023	

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 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.