



## **Filing Receipt**

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Public Utility Commission of Texas  
PO Box 13326  
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May 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 construction of the ordered transmission line and facilities. This is the eleventh 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 status and anticipated completion dates for portions yet to be completed. Construction on the transmission line circuit is nearing completion and ETT is working with ERCOT to determine a path forward that may allow ETT to provide service prior to Summer 2024, or, if not, by December 2024. ETT has been actively working to mitigate project in-service delays for the LRGV 2nd Circuit project.

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 that pushed the in-service date of San Miguel to Greenfield 1 into 2024. ETT did receive an outage from ERCOT from April 8-30, 2024, during which it completed construction at the Fowlerton and Lobo stations, which should have enabled the section from San Miguel to Greenfield 1 to be placed into service. Unfortunately, the link between Fowlerton to Lobo was not able to be energized due to a telemetry issue, even though construction is complete. ETT expects this line to be in service in May 2024.

The other remaining section to be placed in service, North Edinburg to Kingfisher, should complete construction in May 2024, unless there is an unforeseen circumstance that is beyond ETT's control. Please note significant portions of the line and substations have been placed into service according to schedule.

The following submission follows the same format as the previous reports. If the Commission has any questions, please contact me at [hturner@aep.com](mailto:hturner@aep.com).

Sincerely,

A handwritten signature in black ink, appearing to read "Hannah R. Turner", with a long horizontal line extending to the right.

Hannah R. Turner  
Vice President, Regulatory & Finance  
Electric Transmission Texas, LLC

# Public Utility Commission of Texas

## LRGV Second Circuit Progress Report



### Executive Summary

#### Summary

<b>Report Period</b>	2Q 2024
<b>Line Miles</b>	265 miles existing ETT Right-of-Way (ROW)
<b>Counties Affected</b>	Webb, LaSalle, McMullen, Zapata, Starr, Hidalgo
<b>% Complete-Design</b>	100%
<b>% Complete-Procurement</b>	100%
<b>% Complete-Construction</b>	92%
<b>Contact Information</b>	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 85% to 92%. 181 miles of conductor has been installed and 8 miles are remaining on the overall project. Construction continues on the line segment from North Edinburg to Kingfisher. The line segment between Lobo and North Edinburg is complete and energized. The Greenfield 1 (Tiempo), Greenfield 2 (Rapido), and Greenfield 3 (Pronto) 345-kV stations have been energized.

**Upcoming:** Project completion is expected in May 2024.

**Delays:** Construction progress is on schedule. However, denials of ETT's outage requests for in/around Lobo substation resulted in a delay for completion of the Fowlerton circuits terminating into Lobo Station until 4/30/2024. ERCOT's justification for the denials has been due to ongoing thermal generation outages and conflicting transmission outages in the LRGV. San Miguel to Greenfield 1 energization is pending resolution of a telemetry issue.

#### 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.

ID	Task Name	Start	Finish	Duration	2021	Half 1, 2022	Half 2, 2022	Half 1, 2023	Half 2, 2023	Half 1, 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 F M A M J
0	<b>ETT Program</b>	Mon 11/1/21	Fri 5/31/24	686 days						
1	<b>San Miguel to Greenfield 1 (Tiempo) Segment</b>	Mon 11/1/21	Tue 4/30/24	662 days						
2	Design	Mon 11/1/21	Mon 10/31/22	266 days	<b>DESIGN</b>					
3	Procurement	Fri 4/8/22	Thu 8/31/23	372 days	<b>PROCUREMENT</b>					
4	Construction	Tue 11/15/22	Tue 4/30/24	386 days	<b>CONSTRUCTION</b>					
5	<b>Greenfield 1 (Tiempo) to N. Edinburg Segment</b>	Sat 1/1/22	Mon 12/18/23	520 days						
6	Design	Sat 1/1/22	Tue 1/31/23	288 days	<b>DESIGN</b>					
7	Procurement	Wed 4/27/22	Fri 11/10/23	411 days	<b>PROCUREMENT</b>					
8	Construction	Mon 4/10/23	Mon 12/18/23	183 days	<b>CONSTRUCTION</b>					
9	<b>N. Edinburg to Kingfisher Segment</b>	Tue 3/1/22	Fri 5/31/24	598 days						
10	Design	Tue 3/1/22	Mon 4/3/23	291 days	<b>DESIGN</b>					
11	Procurement	Wed 4/27/22	Thu 4/11/24	520 days	<b>PROCUREMENT</b>					
12	Construction	Mon 10/9/23	Fri 5/31/24	171 days	<b>CONSTRUCTION</b>					
13	<b>ETT Stations Expansion</b>	Sat 1/1/22	Tue 4/30/24	616 days						
14	Design	Sat 1/1/22	Sat 9/30/23	464 days	<b>DESIGN</b>					
15	Procurement	Tue 3/1/22	Sat 9/30/23	422 days	<b>PROCUREMENT</b>					
16	Construction	Thu 2/16/23	Tue 4/30/24	317 days	<b>CONSTRUCTION</b>					
17	<b>Greenfield 1 (Tiempo) Station</b>	Tue 3/1/22	Mon 11/13/23	453 days						
18	Design	Sat 3/5/22	Thu 11/10/22	183 days	<b>DESIGN</b>					
19	Procurement	Tue 3/1/22	Fri 6/30/23	355 days	<b>PROCUREMENT</b>					
20	Construction	Mon 10/3/22	Mon 11/13/23	296 days	<b>CONSTRUCTION</b>					
21	<b>Greenfield 2 (Rapido) Station</b>	Sat 1/1/22	Fri 12/22/23	524 days						
22	Design	Sat 1/1/22	Thu 6/1/23	376 days	<b>DESIGN</b>					
23	Procurement	Thu 9/1/22	Sun 10/1/23	288 days	<b>PROCUREMENT</b>					
24	Construction	Sat 6/10/23	Fri 12/22/23	143 days	<b>CONSTRUCTION</b>					
25	<b>Greenfield 3 (Pronto) Station</b>	Sat 1/1/22	Thu 11/16/23	498 days						
26	Design	Sat 1/1/22	Fri 6/30/23	397 days	<b>DESIGN</b>					
27	Procurement	Sun 5/15/22	Sat 9/30/23	367 days	<b>PROCUREMENT</b>					
28	Construction	Thu 12/15/22	Thu 11/16/23	246 days	<b>CONSTRUCTION</b>					



# Public Utility Commission of Texas

## LRGV Second Circuit Progress Report

### San Miguel to Greenfield 1 (Tiempo) Station Segment



#### Project Description

<b>Report Period</b>	2Q 2024
<b>TSP Project Number</b>	ETT-184
<b>Line Miles</b>	105 miles existing ETT ROW
<b>Counties Affected</b>	Webb, LaSalle, McMullen
<b>% Complete-Design</b>	100%
<b>% Complete-Procurement</b>	100%
<b>% Complete-Construction</b>	100%
<b>Project Description</b>	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 on the Lobo to Fowlerton line outside the Lobo Station is now complete. ERCOT outage rejections caused a delay in completion of the second Fowlerton line terminal into Lobo Station. To address this, ETT altered plans at line terminals at Lobo Station to satisfy ERCOT operations and shorten outage durations and emergency restoration times.

**Completed:** All 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 138-kV to 345-kV. The 15-mile line section from Cenizo to Reloj Del Sol Windfarm was operated at 345-kV prior to project and has been cut into the new Tiempo Station which is also complete.

**Upcoming:** ETT expects to energize this section in May 2024.

#### Project Tasks and Time Estimates

Project Tasks	Baseline	Plan	Actual
<b>Design Start</b>	11/1/2021	11/1/2021	11/1/2021
<b>Design Finish</b>	8/31/2022	10/31/2022	10/31/2022
<b>Procurement Start</b>	2/1/2022	4/8/2022	4/8/2022
<b>Procurement Finish</b>	11/30/2022	11/30/2022	8/31/2023
<b>Construction Start</b>	8/1/2022	11/15/2022	11/15/2022
<b>Construction Finish</b>	9/29/2023	05/31/2024	4/30/2024
<b>Energization</b>	9/29/2023	05/31/2024	

#### Project Delays

Staff worked with preferred material vendors to supply all materials in 2023, however, extended material lead times 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 cancelled multiple outage windows that affected this section. Construction on this portion is now complete.

#### 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

<b>Report Period</b>	2Q 2024
<b>TSP Project Number</b>	ETT-185
<b>Line Miles</b>	112 miles existing ETT ROW
<b>Counties Affected</b>	Zapata, Starr, Hidalgo
<b>% Complete-Design</b>	100%
<b>% Complete-Procurement</b>	100%
<b>% Complete-Construction</b>	100%
<b>Project Description</b>	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

**Completed:** All construction is complete.

#### Project Tasks and Time Estimates

Project Tasks	Baseline	Plan	Actual
<b>Design Start</b>	1/1/2022	1/1/2022	1/1/2022
<b>Design Finish</b>	11/30/2022	01/31/2023	1/31/2023
<b>Procurement Start</b>	6/1/2022	6/1/2022	4/27/2022
<b>Procurement Finish</b>	3/31/2023	11/10/2023	
<b>Construction Start</b>	1/1/2023	03/06/2023	4/10/2023
<b>Construction Finish</b>	12/31/2023	12/13/2023	12/18/2023
<b>Energization</b>	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



#### Project Description

<b>Report Period</b>	2Q 2024
<b>TSP Project Number</b>	ETT-186
<b>Line Miles</b>	48 miles existing ETT ROW
<b>Counties Affected</b>	Hidalgo, Cameron
<b>% Complete-Design</b>	100%
<b>% Complete-Procurement</b>	100%
<b>% Complete-Construction</b>	90%
<b>Project Description</b>	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

**Completed:** All foundations complete and all structures set. Forty miles of conductor have been pulled in, leaving 8 miles remaining to be strung.

**Upcoming:** Remaining conductor will be pulled and project to be in service by May 31, 2024.

#### Project Tasks and Time Estimates

Project Tasks	Baseline	Plan	Actual
<b>Design Start</b>	4/1/2022	4/1/2022	3/1/2022
<b>Design Finish</b>	2/28/2023	3/1/2023	4/3/2023
<b>Procurement Start</b>	10/1/2022	10/1/2022	4/27/2022
<b>Procurement Finish</b>	10/31/2023	12/31/2023	4/11/2024
<b>Construction Start</b>	7/1/2023	7/30/2023	10/09/2023
<b>Construction Finish</b>	5/31/2024	5/31/2024	
<b>Energization</b>	5/31/2024	5/31/2024	

#### Project Delays

Risks to the project have been extended material lead times and mitigating encroachment issues in a timely manner. Farming activities and weather continue to provide ongoing challenges.

#### 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

<b>Report Period</b>	2Q 2024
<b>TSP Project Number</b>	ETT-187
<b>Counties Affected</b>	Webb, Starr, Hidalgo
<b>% Complete-Design</b>	100%
<b>% Complete-Procurement</b>	100%
<b>% Complete-Construction</b>	100%
<b>Project Description</b>	Expand ETT's Lobo, Cenizo, Del Sol, and Pomelo stations



#### Project Progress Summary

**Completed:** All Cenizo, Del Sol, Pomelo, and Lobo construction is complete. The remaining P&C work and line terminal work on the Fowerton terminals required clearances from April 8-30, 2024.

**Upcoming:** N/A

#### Project Tasks and Time Estimates

Project Tasks	Baseline	Plan	Actual
<b>Design Start</b>	1/1/2022	1/1/2022	1/1/2022
<b>Design Finish</b>	9/15/2023	9/15/2023	9/30/2023
<b>Procurement Start</b>	1/3/2022	1/3/2022	3/01/2022
<b>Procurement Finish</b>	4/30/2023	9/28/2023	9/30/2023
<b>Construction Start</b>	11/1/2022	2/8/2023	2/16/2023
<b>Construction Finish</b>	9/29/2023	5/15/2024	4/30/2024
<b>Energization</b>	9/29/2023	5/15/2024	4/30/2024

#### 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 was 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

<b>Report Period</b>	2Q 2024
<b>TSP Project Number</b>	ETT-188
<b>Counties Affected</b>	Zapata
<b>% Complete-Design</b>	100%
<b>% Complete-Procurement</b>	100%
<b>% Complete-Construction</b>	100%
<b>Project Description</b>	Build a new 345 kV station on the Lobo-to-North Edinburg line and associated connections



#### Project Progress Summary

**Completed:** Substation is in-service.

#### Project Tasks and Time Estimates

Project Tasks	Baseline	Plan	Actual
<b>Design Start</b>	11/1/2021	11/1/2021	3/5/2022
<b>Design Finish</b>	8/31/2023	8/31/2023	11/10/2022
<b>Procurement Start</b>	5/1/2022	5/1/2022	3/1/2022
<b>Procurement Finish</b>	6/30/2023	6/9/2023	6/30/2023
<b>Construction Start</b>	11/1/2022	8/15/2022	10/3/2022
<b>Construction Finish</b>	9/29/2023	10/15/2023	11/13/2023
<b>Energization</b>	9/29/2023	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

<b>Report Period</b>	2Q 2024
<b>TSP Project Number</b>	ETT-189
<b>Counties Affected</b>	Starr, Zapata
<b>% Complete-Design</b>	100%
<b>% Complete-Procurement</b>	100%
<b>% Complete-Construction</b>	100%
<b>Project Description</b>	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
<b>Design Start</b>	1/1/2022	1/1/2022	1/1/2022
<b>Design Finish</b>	9/30/2023	3/15/2023	6/1/2023
<b>Procurement Start</b>	6/1/2022	6/1/2022	9/1/2022
<b>Procurement Finish</b>	7/30/2023	10/1/2023	10/1/2023
<b>Construction Start</b>	1/1/2023	5/15/2023	6/10/2023
<b>Construction Finish</b>	10/31/2023	11/18/2023	12/22/2023
<b>Energization</b>	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

<b>Report Period</b>	2Q 2024
<b>TSP Project Number</b>	ETT-190
<b>Counties Affected</b>	Starr
<b>% Complete-Design</b>	100%
<b>% Complete-Procurement</b>	100%
<b>% Complete-Construction</b>	100%
<b>Project Description</b>	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
<b>Design Start</b>	1/1/2022	1/1/2022	1/1/2022
<b>Design Finish</b>	6/30/2023	6/30/2023	6/30/2023
<b>Procurement Start</b>	2/1/2022	2/1/2022	5/15/2022
<b>Procurement Finish</b>	2/28/2023	9/30/2023	9/30/2023
<b>Construction Start</b>	8/1/2022	12/15/2022	12/15/2022
<b>Construction Finish</b>	7/30/2023	11/15/2023	11/16/2023
<b>Energization</b>	7/30/2023	11/15/2023	11/16/2023

#### Project Delays

N/A

#### Protected Information

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