

# **Filing Receipt**

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

May 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 seventh 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. 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.

There have been several material delays for insulators, harnesses and specific station equipment. ETT has resolved most of the material issues without additional impact to the construction schedule at this time. ETT will continue to monitor materials and work on mitigation strategies to avoid material delays.

Line construction and station modifications continue on schedule. The next critical aspect is the coordination of outages to be reviewed and approved by ERCOT. ETT has requested ERCOT to consider a temporary tap at Greenfield 2 Station to support a February 1, 2024 energization of the Fowlerton to North Edinburg Line. That process continues with ERCOT.

The following submission follows the same format as the previous reports. If the Commission has any questions, please contact Hannah Turner at <a href="https://https:

Sincerely,

Kip M Fox

Kip Fox

President, Electric Transmission Texas, LLC



## **Executive Summary**



#### **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: Transmission line designs and physical station designs are complete with station settings the only design information remaining. Material deliveries are expected to be completed for the line and station segments between Lobo and North Edinburg by November 15, 2023. ETT has submitted all outage request necessary for completion of the line segment between Lobo and North Edinburg for completion December 31, 2023.

<u>Upcoming</u>: Foundations on both line and station portions continue to progress. One line contractor will continue to string conductor while another has mobilized to another section of the line to start construction.

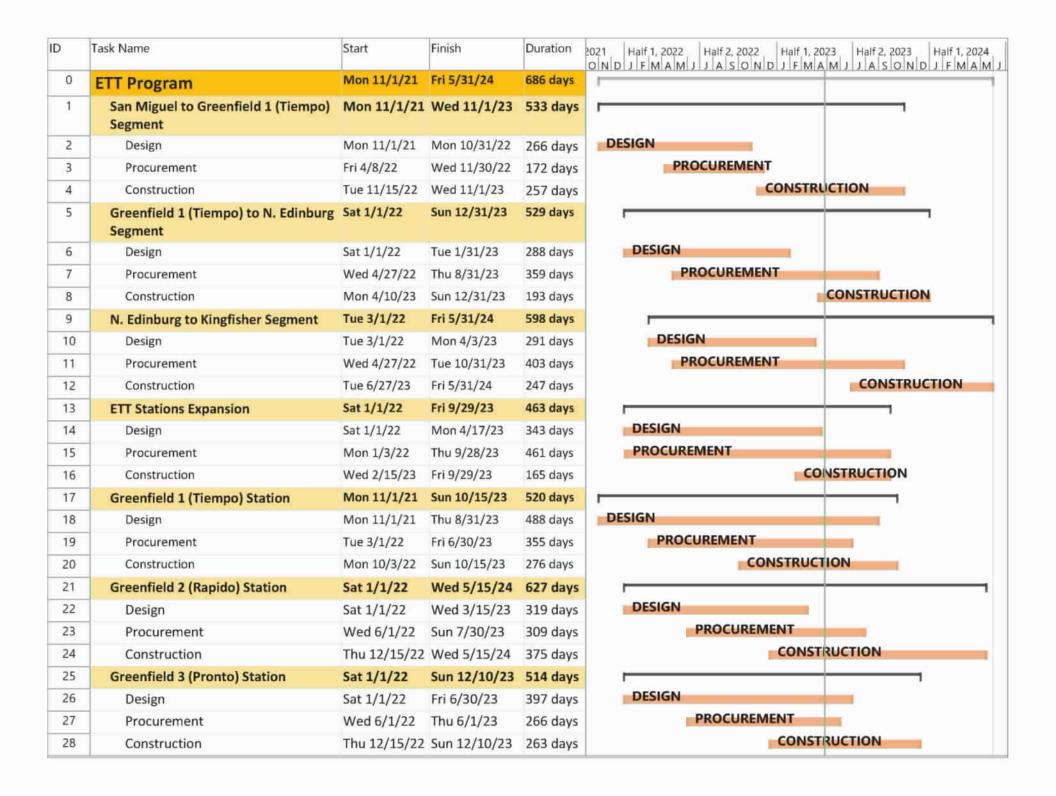
<u>Delays</u>: San Miguel to Greenfield 1 Station extended material lead times has led to a delay for completion from September 2023 to November 2023. Property for Greenfield 2 Station was filed for condemnation on January 18, 2023. However, ETT was able to settle with the landowner prior to the condemnation hearing on April 25, 2023. As a result of the delay in the property acquisition, ETT moved the generation cut-in for Greenfield 2 Station from November 2023 to May 2024. ETT has mitigated a risk for line insulators after receiving a notice of delay from the vendor. No other supply chain risks exist at the present moment.

#### Reliability, Safety Measures, and Progress

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

#### **ERCOT Coordination Efforts and Regulatory Issues**

The temporary tap plan has been sent to ERCOT, though ETT has not received any feedback. At this time, it is unlikely that ERCOT will approve the temporary tap. ETT is concurrently performing a system study to evaluate the potential benefits of completing the second circuit prior to winter peak 2023/2024 and will provide those results to ERCOT.





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

#### **Project Description**

Report Period	2Q 2023
TSP Project Number	ETT-184
Line Miles	105 miles existing ETT ROW
Counties Affected	Webb, LaSalle, McMullen
% Complete-Design	100%
% Complete-Procurement	98%
%Complete-Construction	15%

#### **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. Foundation installation is complete.

<u>Upcoming:</u> Material delivery is substantially complete with miscellaneous material items arriving in Q3 2023. TXDOT crossing permits will be obtained in Q2 2023. Structure erection, davit arm, insulator, and conductor installation are in process. Coordination with distribution operator on underbuild relocation is under way.

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**

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.

#### **Protected Information**



### Greenfield 1 (Tiempo) Station to North Edinburg Segment

#### **Project Description**

Report Period	2Q 2023
TSP Project Number	ETT-185
Line Miles	112 miles existing ETT ROW
Counties Affected	Zapata, Starr, Hidalgo
% Complete-Design	100%
% 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

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**

Material procurement is in progress and construction has started.

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.

<u>Upcoming</u>: Major project construction materials are expected to be delivered in early Q3 2023. Construction activities have begun and are scheduled throughout the remainder 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	11/30/2023	1/31/2023	1/31/2023	
Procurement Start	6/1/2022	6/1/2022	4/27/2022	
Procurement Finish	3/31/2023	8/31/2023		
Construction Start	1/1/2023	3/6/2023	4/10/2023	
Construction Finish	12/31/2023	12/31/2023		
Energization	12/31/2023	12/31/2023		

#### **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. Energization date is contingent upon ERCOT approving usage of temporary tap between Greenfield 1 Station and Greenfield 2 Station.

#### **Protected Information**

# Public Utility Commission of Texas

## **LRGV Second Circuit Progress Report**



North Edinburg to Kingfisher Segment

#### **Project Description**

Report Period	2Q 2023
TSP Project Number	ETT-186
Line Miles	48 miles existing ETT ROW
Counties Affected	Hidalgo, Cameron
% Complete-Design	100%
% 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**

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.

<u>Upcoming</u>: 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.

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	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 and mitigating encroachment issues in a timely manner.

#### **Protected Information**



### **ETT Stations Expansion**





#### **Project Progress Summary**

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

<u>Upcoming:</u> Material procurement is ongoing with most major materials having arrived. Station construction for all stations has started. Outage plans continue to be developed for line terminations into the stations. Protection and controls along with station setting design packages will be issued closer to station completion dates.

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	2/15/23	
Construction Finish	9/29/2023	9/29/2023		
Energization	9/29/2023	9/29/2023		

#### **Project Delays**

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**



### Greenfield 1 (Tiempo) Station

	Project Description
Report Period	2Q 2023
TSP Project Number	ETT-188
Counties Affected	Zapata
% Complete-Design	95%
% Complete-Procurement	95%
% Complete-Construction	70%
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 and below grade are complete. Above grade work is in progress.

<u>Upcoming</u>: Above grade work will continue to progress. Wiring of protection and control devices within the control house and installation of communications equipment.

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	6/30/2023		
Construction Start	11/1/2022	8/15/2022	10/3/2022	
Construction Finish	9/29/2023	10/15/2023		
<b>Energization</b>	9/29/2023	10/15/2023		

#### **Project 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



## Greenfield 2 (Rapido) Station

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Report Period	2Q 2023
TSP Project Number	ETT-189
Counties Affected	Starr, Zapata
% Complete-Design	70%
%Complete-Procurement	85%
% Complete-Construction	0%
Project Description	Build a new 345 kV station on the Lobo to North Edinburg line and associated connections



#### **Project Progress Summary**

<u>Completed</u>: Engineering design continues. Condemnation paperwork was filed on January 18, 2023 with county court. However, ETT was able to settle with the landowner prior to the condemnation hearing on April 25, 2023.

Upcoming: ETT will begin mobilization and construction in May 2023.

Project Tasks and Time Estimates				
Project Tasks	Baseline	Plan	Actual	
Design Start	1/1/2022	1/1/2022	1/1/2022	
Design Finish	9/30/2023	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	12/15/22	
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 May 2024. ETT has completed the acquisition of land for Greenfield 2 Station on April 24, 2023. 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



## Greenfield 3 (Pronto) Station

	Project Description		
Report Period	2Q 2023		
TSP Project Number	ETT-190		
Counties Affected	Starr		
% Complete-Design	95%		
% Complete-Procurement	85%		
% Complete-Construction	25%		
Project Description	Build a new 345 kV station on the Lobo to North Edinburg line and associated connections		



#### **Project Progress Summary**

Completed: Access road and site work has been completed.

Upcoming: Foundation construction continues and below grade construction continues to progress.

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**

Outages will be coordinated with generators to route their lines to the Greenfield Stations. Aligning generator outages to perform cutins 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**