



Filing Receipt

Received - 2022-07-29 02:33:05 PM
Control Number - 52682
ItemNumber - 30



Electric Transmission Texas, LLC
400 West 15th Street, Suite 800
Austin, TX 78701-1677
ETTexas.com

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

July 29, 2022

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, and third quarterly reports on November 1, 2021, February 1, 2022, and April 29, 2022, respectively, and is hereby providing the fourth report.

The report consists of details for each ETT project including anticipated completion dates. At this time, there are no known delays in the schedules previously provided to the Commission. ETT continues to be proactive in negotiating any possible delays that are anticipated in the future.

The following submission follows the same format as the previous reports. If the Commission has any questions, please contact Peter Kimani at pkkimani@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, flowing style.

Kip Fox
President, Electric Transmission Texas, LLC

Public Utilities Commission of Texas

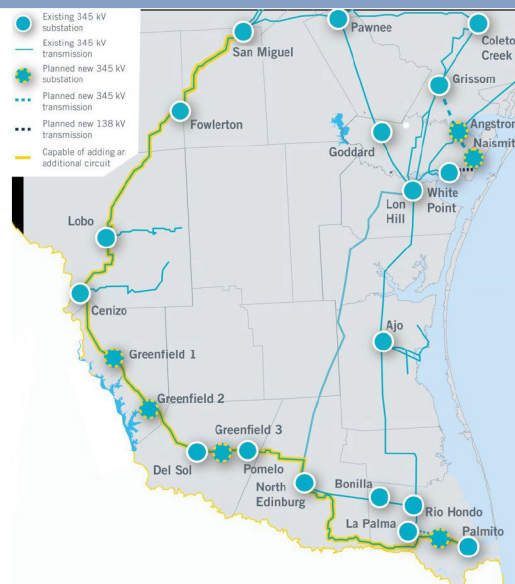
LRGV Second Circuit Progress Report



Executive Summary

Summary

Report Period	3Q 2022
Line Miles	265 miles existing ETT Right-of-Way (ROW)
Counties Affected	Webb, LaSalle, McMullen, Zapata, Starr, Hidalgo
% Complete-Design	40%
% Complete-Procurement	45%
% Complete-Construction	0%
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 have 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: Property for Greenfield Stations 1 and 3 are secured. Greenfield Station 2 property has been identified and expected to close soon. Detailed level scopes for all projects are complete.

Upcoming: Property acquisition activities for Greenfield Station 2 are ongoing. Review of qualified construction contractors with required skill set to do hot-work and station-work will continue. Structure arms and pole orders have been initiated and are currently under review with the manufacturers. Conductor delivery is anticipated to begin late Q3 2022. Outage plans are being developed with preliminary submittals to ERCOT anticipated Q3 2022. Construction packages are anticipated to start Q3 2022.

Delays: This section will be updated as the project is further developed. Primary risks to the project are extended material lead times and timely acquisition of Greenfield Station properties. We are actively pursuing negotiations with landowners for Greenfield Station 2. 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

Outages will be coordinated with existing generators and ERCOT in an effort to meet construction efforts in a timely manner.

ID	Task Name	Start	Finish	Duration	Timeline																																
					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	ETT Program	Mon 11/1/21	Fri 5/31/24	686 days	<div></div>																																
1	San Miguel to Greenfield 1 (Tiempo) Segment	Mon 11/1/21	Fri 9/29/23	509 days	<div></div>																																
2	Design	Mon 11/1/21	Mon 10/31/22	266 days	<div>DESIGN</div>																																
3	Procurement	Fri 4/8/22	Wed 11/30/22	172 days	<div>PROCUREMENT</div>																																
4	Construction	Mon 10/31/22	Fri 9/29/23	244 days	<div>CONSTRUCTION</div>																																
5	Greenfield 1 (Tiempo) to N. Edinburg Segment	Sat 1/1/22	Sun 12/31/23	529 days	<div></div>																																
6	Design	Sat 1/1/22	Wed 11/30/22	242 days	<div>DESIGN</div>																																
7	Procurement	Wed 4/27/22	Fri 3/31/23	248 days	<div>PROCUREMENT</div>																																
8	Construction	Wed 3/15/23	Sun 12/31/23	212 days	<div>CONSTRUCTION</div>																																
9	N. Edinburg to Kingfisher Segment	Tue 3/1/22	Fri 5/31/24	598 days	<div></div>																																
10	Design	Tue 3/1/22	Tue 2/28/23	266 days	<div>DESIGN</div>																																
11	Procurement	Wed 4/27/22	Tue 10/31/23	403 days	<div>PROCUREMENT</div>																																
12	Construction	Sat 7/29/23	Fri 5/31/24	223 days	<div>CONSTRUCTION</div>																																
13	ETT Stations Expansion	Sat 1/1/22	Fri 9/29/23	463 days	<div></div>																																
14	Design	Sat 1/1/22	Fri 9/15/23	453 days	<div>DESIGN</div>																																
15	Procurement	Mon 1/3/22	Sun 4/30/23	352 days	<div>PROCUREMENT</div>																																
16	Construction	Tue 11/1/22	Fri 9/29/23	243 days	<div>CONSTRUCTION</div>																																
17	Greenfield 1 (Tiempo) Station	Mon 11/1/21	Wed 5/10/23	406 days	<div></div>																																
18	Design	Mon 11/1/21	Mon 10/31/22	266 days	<div>DESIGN</div>																																
19	Procurement	Thu 2/17/22	Fri 3/31/23	297 days	<div>PROCUREMENT</div>																																
20	Construction	Mon 8/15/22	Wed 5/10/23	197 days	<div>CONSTRUCTION</div>																																
21	Greenfield 2 (Rapido) Station	Sat 1/1/22	Thu 11/30/23	508 days	<div></div>																																
22	Design	Sat 1/1/22	Tue 2/28/23	308 days	<div>DESIGN</div>																																
23	Procurement	Fri 5/6/22	Sun 7/30/23	328 days	<div>PROCUREMENT</div>																																
24	Construction	Wed 2/15/23	Thu 11/30/23	210 days	<div>CONSTRUCTION</div>																																
25	Greenfield 3 (Pronto) Station	Sat 1/1/22	Sun 10/15/23	474 days	<div></div>																																
26	Design	Sat 1/1/22	Fri 6/30/23	397 days	<div>DESIGN</div>																																
27	Procurement	Fri 5/6/22	Tue 2/28/23	217 days	<div>PROCUREMENT</div>																																
28	Construction	Sat 10/15/22	Sun 10/15/23	267 days	<div>CONSTRUCTION</div>																																

Public Utilities Commission of Texas

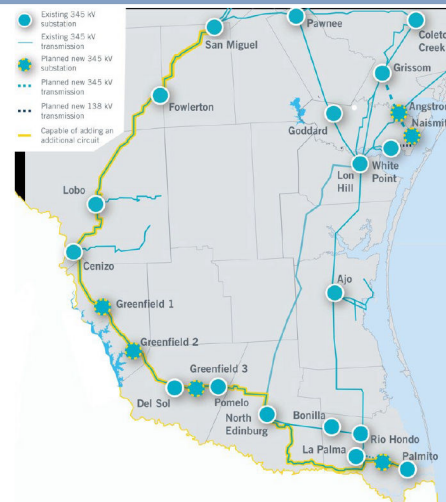
LRGV Second Circuit Progress Report

San Miguel to Greenfield 1 (Tiempo) Station Segment



Project Description

Report Period	3Q 2022
TSP Project Number	ETT-184
Line Miles	105 miles existing ETT ROW
Counties Affected	Webb, LaSalle, McMullen
% Complete-Design	60%
% Complete-Procurement	50%
% Complete-Construction	0%
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: Steel structure, davit arm, insulator, conductor, and fiber purchase orders have been placed with Q4 2022 start of delivery expected. Overhead/maintenance mowing activities are underway.

Upcoming: Review of qualified construction contractors has started. Detailed engineering activities are ongoing with construction packages expected to be issued starting in August 2022 and completing in October 2022. Outage plans to perform cut-ins to stations are being developed and will begin submittal to ERCOT early Q3 2022.

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

Project Delays

This section will be updated as the project is further developed. Risk to the project is extended material lead times.

Protected Information

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

Public Utilities Commission of Texas

LRGV Second Circuit Progress Report

Greenfield 1 (Tiempo) Station to North Edinburg Segment



Project Description

Report Period	3Q 2022
TSP Project Number	ETT-185
Line Miles	112 miles existing ETT ROW
Counties Affected	Zapata, Starr, Hidalgo
% Complete-Design	50%
% Complete-Procurement	50%
% 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

Completed: Conductor and fiber purchase orders have been placed with Q4 2022 start of delivery expected. Forestry was engaged to review clearing needs with only construction moving identified.

Upcoming: Steel arms, steel poles, insulators, and additional material procurement will continue as structure designs finish. Review of qualified construction contractors has started. Outage plans to perform cut-ins to stations are being developed and will begin submittal to ERCOT early Q3 2022.

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	11/30/2022	
Procurement Start	6/1/2022	6/1/2022	4/27/2022
Procurement Finish	3/31/2023	3/31/2023	
Construction Start	1/1/2023	3/15/2023	
Construction Finish	12/31/2023	12/31/2023	
Energization	12/31/2023	12/31/2023	

Project Delays

This section will be updated as the project is further developed. Risk to the project is extended material lead times. 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. The Texas Department of Transportation has a project to widen Highway 83 in an area where the transmission line has turning structures to cross.

Protected Information

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

Public Utilities Commission of Texas

LRGV Second Circuit Progress Report

North Edinburg to Kingfisher Segment



Project Description

Report Period	3Q 2022
TSP Project Number	ETT-186
Line Miles	48 miles existing ETT ROW
Counties Affected	Hidalgo, Cameron
% Complete-Design	20%
% Complete-Procurement	20%
% 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

Engagement with Sharyland regarding interconnection has begun and is ongoing.

Completed: Insulator purchase orders have been placed with an expected delivery date of 2023. Conductor production slots have been reserved with the manufacturer with 2023 as the start of delivery expected. Review of current right-of-way rights, restrictions, and a study to identify possible encroachments has completed. Issues have been identified and ETT has started a mitigation plan. Forestry was engaged to review clearing needs with only construction mowing identified.

Upcoming: Steel arms, steel poles, and additional material procurement will continue as structure designs finish. Review of qualified construction contractors has started. Outage plans to perform cut-ins to stations are being developed and will begin submittal to ERCOT early Q3 2022.

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	2/28/2023	
Procurement Start	10/1/2022	10/1/2022	4/27/2022
Procurement Finish	10/31/2023	10/31/2023	
Construction Start	7/1/2023	7/29/2023	
Construction Finish	5/31/2024	5/31/2024	
Energization	5/31/2024	5/31/2024	

Project Delays

This section will be updated as the project is further developed. Risk to the project is extended material lead times.

Protected Information

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

Public Utilities Commission of Texas

LRGV Second Circuit Progress Report

ETT Stations Expansion



Project Description

Report Period	3Q 2022
TSP Project Number	ETT-187
Counties Affected	Webb, Starr, Hidalgo
% Complete-Design	50%
% Complete-Procurement	30%
% Complete-Construction	0%
Project Description	Expand ETT's Lobo, Cenizo, Del Sol, and Pomelo stations



Project Progress Summary

ETT continues to on-board the project team. The development of a detailed project execution plan continues.

Completed: Orders for long lead materials such as breakers, station post insulators, instrument transformers, and switches have been placed. All engineering entities have been onboarded and detailed designs are underway.

Upcoming: Material procurement has begun and will continue as station designs finish. Project execution plans will continue to develop as the project progresses. Review of qualified construction contractors in progress. Outage plans are being developed and will begin submittal to ERCOT early Q3 2022.

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	
Procurement Start	1/3/2022	1/3/2022	1/3/2022
Procurement Finish	4/30/2022	4/30/2023	
Construction Start	11/1/2022	11/1/2022	
Construction Finish	9/29/2023	9/29/2023	
Energization	9/29/2023	9/29/2023	

This section will be updated as the project is further developed. Risk to the project is extended material lead times. Coordination with ERCOT for station outages to connect new portions of the stations will continue through the entirety of the installation, but delayed outages equate to project delays.

Protected Information

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

Public Utilities Commission of Texas

LRGV Second Circuit Progress Report

Greenfield 1 (Tiempo) Station



Project Description

Report Period	3Q 2022
TSP Project Number	ETT-188
Counties Affected	Zapata
% Complete-Design	75%
% Complete-Procurement	90%
% Complete-Construction	0%
Project Description	Build a new 345-kV station on the Lobo-to-North Edinburg line and associated connections



Project Progress Summary

ETT is making significant progress toward completing Greenfield 1 Station.

Completed: Material is ordered. Construction contracts are complete.

Upcoming: Construction site grading will start in August 2022. Outage plans are being developed and will begin submittal to ERCOT early Q3 2022.

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	10/31/2022	
Procurement Start	5/1/2022	5/1/2022	2/17/2022
Procurement Finish	6/30/2023	3/31/2023	
Construction Start	11/1/2022	8/15/2022	
Construction Finish	9/29/2023	5/10/2023	
Energization	9/29/2023	5/10/2023	

Project Delays

This section will be updated as the project is further developed. Risk to the project is extended material lead times. 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 Utilities Commission of Texas

LRGV Second Circuit Progress Report

Greenfield 2 (Rapido) Station



Project Description

Report Period	3Q 2022
TSP Project Number	ETT-189
Counties Affected	Starr, Zapata
% Complete-Design	15%
% 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

Efforts to develop detailed project execution plans are underway.

Completed: Project team has been on-boarded and suitable properties have been identified. Right-of-entry to survey site was executed with the landowner. Major long lead materials are on order.

Upcoming: Site development team continues discussions with property owners in an effort to secure property options. Conduct engineering field surveys and Geotech activities. Purchase orders for remaining materials will be issued as the procurement effort progresses. Outage plans are being developed and will begin submittal to ERCOT early Q3 2022.

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	2/28/2023	
Procurement Start	6/1/2022	6/1/2022	5/6/2022
Procurement Finish	7/30/2023	7/30/2023	
Construction Start	1/1/2023	2/15/2023	
Construction Finish	10/31/2023	11/30/2023	
Energyization	10/31/2023	11/30/2023	

Project Delays

Land procurement timing is the current concern that would cause a delay. Property needs to be secured by early July in order to avoid impacting the schedule. Risk to the project is extended material lead times. 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 Utilities Commission of Texas

LRGV Second Circuit Progress Report

Greenfield 3 (Pronto) Station



Project Description

Report Period	3Q 2022
TSP Project Number	ETT-190
Counties Affected	Starr
% Complete-Design	30%
% Complete-Procurement	75%
% Complete-Construction	0%
Project Description	Build a new 345 kV station on the Lobo to North Edinburg line and associated connections



Project Progress Summary

Efforts to develop a detailed project execution plan are still underway.

Completed: Project team has been on-boarded and suitable property has been secured. Engineering and field surveys are complete. Long lead materials have been ordered.

Upcoming: Progressing detailed design for construction purposes. Purchase orders for remaining materials will be issued as the procurement effort progresses. Outage plans are being developed and will begin submittal to ERCOT early Q3 2022.

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	5/6/2022
Procurement Finish	2/28/2023	2/28/2023	
Construction Start	8/1/2022	10/15/2022	
Construction Finish	7/30/2023	10/15/2023	
Energization	7/30/2023	10/15/2023	

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 outages outside the ERCOT summer moratorium may cause adjustments or delays to the construction plan.

Protected Information

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