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PROJECT NO. 52682

PROJECT FOR COMMISSION	§	PUBLIC UTILITY COMMISSION
ORDERED TRANSMISSION	§	
FACILITIES	§	OF TEXAS

SOUTH TEXAS ELECTRIC COOPERATIVE, INC.’S SAN MIGUEL TO PALMITO
SECOND CIRCUIT QUARTERLY PROGRESS REPORT

TO THE HONORABLE PUBLIC UTILITY COMMISSION OF TEXAS:

COMES NOW, South Texas Electric Cooperative, Inc. (“STEC”) and files this response to the Public Utility Commission of Texas’ (“PUCT” or “Commission”) order issued on October 14, 2021, instructing transmission service providers (“TSPs”) to provide quarterly progress reports to the Commission regarding their status in completing their respective portions of the second circuit on the existing double-circuit capable 345-kV San Miguel-to-Palmito transmission line. STEC’s last progress report was filed on November 1, 2022. This quarterly progress report is timely filed.

I. STEC’S RESPONSES

STEC owns approximately 42 miles of the San Miguel-to-Palmito 345-kV transmission line. STEC’s portion of the line runs from the San Miguel Power Plant through STEC’s Fowlerton substation, and continues to an ownership change point with AEP Texas, Inc. toward the Lobo switching station. STEC will be responsible for adding the second circuit from the San Miguel Power Plant to the ownership change point with AEP Texas and for the construction of the terminal facility additions at San Miguel and Fowlerton.

STEC’s responses to the items identified in the Commission’s October 14, 2021 order are included in Attachments A and B hereto. Attachment A provides an itemized task list for

construction of the second circuit and the two substations needed to complete the San Miguel to Palmito project. Attachment B includes a description of the project, a summary of STEC's progress to date, a high-level overview of project tasks and time estimates, potential progress delays known at this time, updates to reliability, safety measures and progress with respect to same, and coordination efforts with ERCOT.

Attachment A has been updated to extend the construction bidding dates for the San Miguel and Fowlerton substations. Attachment B has been updated to reflect that the construction bid package for the San Miguel substation terminal addition is currently out for competitive bidding, while the construction bid package for the Fowlerton substation terminal addition will be sent out in February 2023. Attachment B has also been updated to show that STEC's procurement of certain substation materials has been delayed due to delays in contract delivery schedules. These delays have delayed STEC's projected start dates for construction to March 2023 for the San Miguel substation and April 2023 for the Fowlerton substation. However, these delays are currently not anticipated to delay STEC's completion of the project in September 2023.

In addition, Attachment B has been updated to show that STEC has completed 100% of its design work for its portion of the second circuit, and 50% of its equipment procurement for its portion of the second circuit.

II. CONCLUSION

STEC appreciates the Commission's review of these important issues and looks forward to continuing to work with the Commission to enhance reliability in the Lower Rio Grande Valley. Unless further information is requested, STEC will file its next quarterly progress report on or before May 1, 2023.

Respectfully submitted,



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**ATTORNEYS FOR SOUTH TEXAS
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Attachment A
San Miguel to Fowlerton POI
345 kV 2nd Circuit Addition

ID	Task Name	Duration	Start	Finish	2022												2023												2024		
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
1	San Miguel to Lobo 345 kV 2nd Circuit Additio	559 days	Mon 11/1/21	Thu 12/21/23																											
2	Project Management	27.95 mons	Mon 11/1/21	Thu 12/21/23																											
5	Line Design	11 mons	Mon 11/1/21	Fri 9/2/22																											
17	Material Procurement	56 wks	Mon 6/6/22	Fri 6/30/23																											
25	Construction Drawings	6.5 mons	Mon 6/13/22	Fri 12/9/22																											
30	Quality Assurance	4.95 mons	Mon 4/18/22	Thu 9/1/22																											
35	Pre-Construction Activities	3 mons	Mon 10/17/22	Fri 1/6/23																											
43	Construction Activities	9.5 mons	Mon 1/9/23	Fri 9/29/23																											
47	Construction Management	9.5 mons	Mon 1/9/23	Fri 9/29/23																											
50	Post-Construction Activities	3 mons	Mon 10/2/23	Fri 12/22/23																											
53																															
54	San Miguel Substation Addition	560 days	Mon 11/1/21	Fri 12/22/23																											
55	Project Management	560 days	Mon 11/1/21	Fri 12/22/23																											
58	Long Lead Material Procurment	225 days	Tue 9/20/22	Mon 7/31/23																											
62	Substation Design	380 days	Mon 1/3/22	Fri 6/16/23																											
72	Construction Bidding	150 days	Mon 8/22/22	Fri 3/17/23																											
75	Construction and Commissioning	235 days	Mon 10/31/22	Fri 9/22/23																											
80	In-Service of station	1 day	Fri 9/29/23	Fri 9/29/23																											
83																															
84	Fowlerton Substation Addition	560 days	Mon 11/1/21	Fri 12/22/23																											
85	Project Management	560 days	Mon 11/1/21	Fri 12/22/23																											
88	Long Lead Material Procurment	225 days	Tue 9/20/22	Mon 7/31/23																											
92	Substation Design	380 days	Mon 1/3/22	Fri 6/16/23																											
102	Construction Bidding	130 days	Mon 8/22/22	Fri 2/17/23																											
105	Construction and Commissioning	235 days	Mon 10/31/22	Fri 9/22/23																											
110	In-Service of station	1 day	Fri 9/29/23	Fri 9/29/23																											

Public Utility Commission of Texas

LRGV Second Circuit Progress Report

San Miguel to Fowlerton POI



Summary

Report Period	1Q 2023
Line Miles	42
Counties Affected	McMullen, Atascosa
% Complete-Design	100%
% Complete-Procurement	50%
% Complete-Construction	0%
Contact Information	Paul Person (361) 485-6151 pperson@stec.org



Program Description

STEC will install approximately 42 miles of circuit from the San Miguel 345-kV switchyard to the AEP Point of Interconnection south of the Fowlerton 345-kV switchyard. STEC will also install 345-kV line terminals at San Miguel and Fowlerton. Project schedules are developed with an aggressive in-service date of September 2023 in coordination with AEP.

Progress Summary

Transmission line and substation design work are completed. Transmission line construction package has been awarded. STEC expects to receive material in early February. All equipment awards are complete. Miscellaneous material lists and substation bid package development are complete. The construction bid package is out for competitive bidding for the San Miguel terminal addition. The site preparation package has been awarded for the Fowlerton project. The construction bid package for the site will be sent out in February.

Project Tasks and Time Estimates

Project Tasks	Baseline	Plan	Actual
Design Start	Nov-21	Nov-21	Nov-21
Design Finish	Sep-22	Sep-22	Dec-22
Procurement Start	Jun-22	Jun-22	Jun-22
Procurement Finish	Mar-23	Jul-23	
Construction Start	Jan-23	Feb-23	
Construction Finish	Sep-23		
Energization	Sep-23		

Project Delays

Long lead material procurement for the San Miguel and Fowlerton substations were adjusted to reflect delays in contract delivery schedules. These delays push construction start at these sites to March for San Miguel and April for Fowlerton.

Protected Information

The competitive bidding information and Critical Energy Infrastructure Information ("CEII") for the project is Protected Information. There will be other categories of Protected Information with which this section will be updated.

Reliability and Safety Measures and Progress

Depending upon outage availability, STEC is prepared to call for installation of the second circuit while the existing circuit is energized to maintain the reliability of the system during the construction period.

ERCOT Coordination Efforts and Regulatory Issues

STEC has been and will continue to coordinate with ERCOT with respect to this second circuit addition. This coordination will include coordination of outages of portions of the bus at the San Miguel and Fowlerton 345-kV stations required to connect the new circuit and test the protection system.