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Filing Date - 2023-11-01 01:17:08 PM

Control Number - 52682

Item Number - 56

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 the status of 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 August 1, 2023. 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

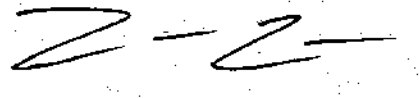
construction of the second circuit and the two substations needed to complete the San Miguel to Palmito project. Attachment B includes a description of the project, a summary of STEC's progress to date, a high-level overview of project tasks and time estimates, potential progress delays known at this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

Attachments A and B have been updated to show that the second circuit is expected to be energized in December 2023, subject to unforeseen delays, if any. Attachment B has also been updated to show that STEC has completed 100% of its equipment procurement for its portion of the second circuit and 85% of the construction for its portion of the second circuit. Construction is continuing on the transmission line circuit and at the Fowlerton substation. Construction at the San Miguel substation has been completed and commissioning activities have commenced at the San Miguel substation.

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 February 1, 2024.

Respectfully submitted,



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San Miguel to Fowlerton POI
345 kV 2nd Circuit Addition



ID	Task Name	Duration	Start	Finish	2022				2023				2024
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
1	San Miguel to Lobo 345 kV 2nd Circuit Addition	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	11.25 mons	Mon 1/9/23	Fri 11/17/23									
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	248 days	Tue 9/20/22	Thu 8/31/23									
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	275 days	Mon 10/31/22	Fri 11/17/23									
80	In-Service of station	1 day	Fri 12/22/23	Fri 12/22/23									
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	299 days	Mon 10/31/22	Thu 12/21/23									
110	In-Service of station	1 day	Fri 12/22/23	Fri 12/22/23									

Public Utility Commission of Texas

LRGV Second Circuit Progress Report

San Miguel to Fowlerton POI



Summary

Report Period	4Q 2023
Line Miles	42
Counties Affected	McMullen, Atascosa
% Complete-Design	100%
% Complete-Procurement	100%
% Complete-Construction	85%
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.

Progress Summary

All structure installations for the second circuit on the transmission line are complete. Davit arm and insulator assembly installations on the tangent structures is also complete as well. The stringing of conductor is underway with about 60% of the 42 miles installed to date.

The remaining materials for the San Miguel terminal addition were received and construction completed. Testing and commissioning of the protective relays and breakers is in progress.

The remaining materials were received and installed at Fowlerton to add the two terminals. Termination of control cables to the protective devices for the circuit addition is in progress.

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	Aug-23	Sep-23
Construction Start	Jan-23	Feb-23	Feb-23
Construction Finish	Sep-23	Nov-23	
Energization	Sep-23	Dec-23	

Project Delays

Late delivery of breakers for Fowlerton and outage availability has delayed energization of the second circuit until mid-December.

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.