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PROJECT NO. 52682

PROJECT FOR COMMISSION ORDERED TRANSMISSION FACILITIES

§ PUBLIC UTILITY COMMISSION
§
§
§ OF TEXAS

SOUTH TEXAS ELECTRIC COOPERATIVE, INC.'S SAN MIGUEL TO PALMITO
SECOND CIRCUIT QUARTERLY PROGRESS REPORT FOR Q1 2022

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, 2021. Thus, this progress report is timely filed.

I. STEC'S RESPONSES

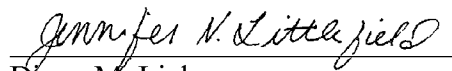
STEC owns approximately 42 miles of the San Miguel-to-Palmito 345-kV transmission line. STEC's portion of the line runs from the San Miguel Power Plant through STEC's Fowlerton substation, and continues to an ownership change point with AEP Texas, Inc. toward the Lobo switching station. STEC's will be 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. 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, protected information, reliability and safety measures and progress, and coordination efforts with ERCOT.

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, 2022.

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	Half 1, 2022												Half 2, 2022					Half 1, 2023					Half 2, 2023					Half 1, 2024				
					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
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	40 wks	Mon 6/6/22	Fri 3/10/23																																
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 Procurement	225 days	Mon 5/2/22	Fri 3/10/23																																
62	Substation Design	380 days	Mon 1/3/22	Fri 6/16/23																																
72	Construction Bidding	90 days	Mon 8/22/22	Fri 12/23/22																																
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																																
82																																				
83	FOWLERTON SUBSTATION ADDITION	560 days	Mon 11/1/21	Fri 12/22/23																																
84	Project Management	560 days	Mon 11/1/21	Fri 12/22/23																																
87	Long Lead Material Procurement	225 days	Mon 5/2/22	Fri 3/10/23																																
91	Substation Design	380 days	Mon 1/3/22	Fri 6/16/23																																
101	Construction Bidding	90 days	Mon 8/22/22	Fri 12/23/22																																
104	Construction and Commissioning	235 days	Mon 10/31/22	Fri 9/22/23																																
109	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 2022
Line Miles	42
Counties Affected	McMullen, Atascosa
% Complete-Design	20%
% Complete-Procurement	0%
% 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 continue. Long lead equipment lists and bid package development are underway to ensure procurement starts on time if not sooner.

Project Tasks and Time Estimates

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

Project Delays

This section will be updated as the project is further developed. STEC is unaware of specific supply chain delays at this time, although there is an inherent risk of delay with long lead time equipment.

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.