



## **Filing Receipt**

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**Item Number - 53**

**PROJECT NO. 52682**

<b>PROJECT FOR COMMISSION</b>	<b>§</b>	<b>PUBLIC UTILITY COMMISSION</b>
<b>ORDERED TRANSMISSION</b>	<b>§</b>	
<b>FACILITIES</b>	<b>§</b>	<b>OF TEXAS</b>

**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 May 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

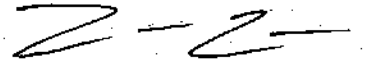
construction of the second circuit and the two substations needed to complete the San Miguel to Palmito project. Attachment B includes a description of the project, a summary of STEC's progress to date, a high-level overview of project tasks and time estimates, potential progress delays known at this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

There have been no updates to Attachment A since STEC's last quarterly progress report. Attachment B has been updated to show that STEC has completed 90% of its equipment procurement for its portion of the second circuit and 30% of the construction for its portion of the second circuit. Construction has commenced on the transmission line circuit and at the San Miguel and Fowlerton substations.

## **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 November 1, 2023.

Respectfully submitted,



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**ATTORNEYS FOR SOUTH TEXAS  
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4885-5374-7571



# Attachment A

## 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	Q2	Q3	Q4	Q1	Q2	Q3	Q4
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	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	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	235 days	Mon 10/31/22	Fri 9/22/23																
80	In-Service of station	61 days	Fri 9/29/23	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	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

<b>Report Period</b>	3Q 2023
<b>Line Miles</b>	42
<b>Counties Affected</b>	McMullen, Atascosa
<b>% Complete-Design</b>	100%
<b>% Complete-Procurement</b>	90%
<b>% Complete-Construction</b>	30%
<b>Contact Information</b>	Paul Person (361) 485-6151 <a href="mailto:pperson@stec.org">pperson@stec.org</a>



#### 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

The transmission line foundation and structure installations are complete. Davit arms, insulator assemblies, and conductor dolly installations on the tangent structures in preparation of conductor installation are underway. Foundations, grounding, and relay panel installations have all been completed at the San Miguel substation. The switches, station steel, insulators, arrestors, and line trap/tuners for the San Miguel substation have been delivered to STEC. Breakers are scheduled for delivery to STEC in mid-August.

The foundations and structure erection, except for 2 large A-frames, are complete at the Fowlerton substation. Switches, line trap/tuners and insulators for the Fowlerton substation have been delivered to STEC. Two breakers are have been set and the remaining 3 breakers are scheduled for delivery to STEC in mid-August. Conduit installation for the control cable at the Fowlerton substation is underway.

#### Project Tasks and Time Estimates

Project Tasks	Baseline	Plan	Actual
<b>Design Start</b>	Nov-21	Nov-21	Nov-21
<b>Design Finish</b>	Sep-22	Sep-22	Dec-22
<b>Procurement Start</b>	Jun-22	Jun-22	Jun-22
<b>Procurement Finish</b>	Mar-23	Aug-23	
<b>Construction Start</b>	Jan-23	Feb-23	Feb-23
<b>Construction Finish</b>	Sep-23	Oct-23	
<b>Energization</b>	Sep-23	Oct-23	

#### Project Delays

Long lead material procurement for the San Miguel and Fowlerton substations were previously adjusted to reflect delays in contractor delivery schedules.

#### 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.