



## **Filing Receipt**

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**Control Number - 52682**

**Item Number - 68**

**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 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 May 1, 2024. This quarterly progress report is timely filed.

STEC is pleased to report that STEC’s portion of the second circuit project was completed and energized on May 2, 2024, the day after STEC’s last progress report was filed. STEC appreciates the Commission’s direction and support for this reliability project. We look forward to continuing to work with the Commission to provide greater reliability in the Lower Rio Grande Valley and for the benefit of the interconnected ERCOT grid system.

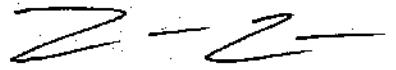
**I. STEC’S RESPONSES**

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 is 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 regarding the 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 and a summary of STEC's progress to date. Attachments A and B have been updated in this final report to show the completion and energization of STEC's portion of the San Miguel to Palmito project on May 2, 2024.

Respectfully submitted,



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Diana M. Liebmann  
Texas State Bar No. 00797058  
(t) 210.978.7418  
(f) 210.554.0418  
diana.liebmann@haynesboone.com  
Carlos Carrasco  
Texas State Bar No. 24092223  
(t) 210.978.7416  
(f) 210.554.0416  
carlos.carrasco@haynesboone.com  
Haynes and Boone, LLP  
112 East Pecan Street, Suite 2400  
San Antonio, Texas 78205-1540

Jennifer Littlefield  
Texas State Bar No. 24074604  
(t) 512.867.8413  
(f) 512.867.8638  
jennifer.littlefield@haynesboone.com  
Haynes and Boone, LLP  
98 San Jacinto Boulevard, Suite 1500  
Austin, Texas 78701

**ATTORNEYS FOR SOUTH TEXAS  
ELECTRIC COOPERATIVE, INC.**

4860-1472-6868



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	29.75 mons	Mon 11/1/21	Fri 2/9/24																
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	14.2 mons	Mon 1/9/23	Thu 2/8/24																
50	Post-Construction Activities	4.75 mons	Mon 10/2/23	Fri 2/9/24																
53		1 day	Mon 1/3/22	Mon 1/3/22																
54	San Miguel Substation Addition	614 days	Mon 11/1/21	Thu 3/7/24																
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	353 days	Mon 10/31/22	Wed 3/6/24																
80	In-Service of station	20 days	Fri 2/9/24	Thu 3/7/24																
83		1 day	Mon 1/3/22	Mon 1/3/22																
84	Fowlerton Substation Addition	654 days	Mon 11/1/21	Thu 5/2/24																
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	391 days	Mon 10/31/22	Mon 4/29/24																
110	In-Service of station	60 days	Fri 2/9/24	Thu 5/2/24																

# Public Utility Commission of Texas

## LRGV Second Circuit Progress Report

### San Miguel to Fowlerton POI



#### Summary

<b>Report Period</b>	3Q 2024
<b>Line Miles</b>	42
<b>Counties Affected</b>	McMullen, Atascosa
<b>% Complete-Design</b>	100%
<b>% Complete-Procurement</b>	100%
<b>% Complete-Construction</b>	100%
<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.

#### Progress Summary

STEC's portion of the second circuit project has been fully completed. The second circuit from San Miguel to Fowlerton is complete and in service. The second circuit from Fowlerton to Lobo was completed and placed in service on May 2, 2024.

#### 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	Sep-23
<b>Construction Start</b>	Jan-23	Feb-23	Feb-23
<b>Construction Finish</b>	Sep-23	Nov-23	Feb-24
<b>Energization</b>	Sep-23	Feb-24	May-24

#### Project Delays

Outages of the San Miguel to Fowlerton and Fowlerton to Lobo sections of the existing circuit were scheduled and approved by ERCOT that would have resulted in the completion of the project in December. However, on several occasions, ERCOT cancelled scheduled outages for both STEC and AEP, which pushed the energization of the Fowlerton to Lobo section to May. The second circuit from Fowlerton to Lobo was energized on May 2, 2024.

#### Protected Information

There are no updates to report.

#### ERCOT Coordination Efforts and Regulatory Issues

STEC actively worked with ERCOT and AEP to take outages on the existing transmission line necessary to complete the project. However, ERCOT delayed the outage until the end of April which pushed the energization of the second circuit between Fowlerton and Lobo to May 2, 2024.