



Control Number: 50594



Item Number: 56

Addendum StartPage: 0





## Public Utility Commission of Texas

### Five-Year Report

Required by 16 Texas Admin. Code § 25.97(e)



**PROJECT NO.** 50594

**AFFECTED ENTITY:** South Texas Electric Cooperative, Inc.

#### General Information

Pursuant to 16 Texas Admin. Code § 25.97(e)(1), not later than May 1 every five years, each affected entity that owns or operates overhead transmission facilities greater than 60 kilovolts must submit this report. The first report must be submitted not later than May 1, 2020.

#### Instructions

Answer all questions, fill-in all blanks, and have the report notarized in the Affidavit.

#### Affidavit

A representative of the affected entity must swear to and affirm the truthfulness, correctness, and completeness of the information provided by attaching a signed and notarized copy of the Affidavit provided with this form.

#### Filing Instructions

Submit four copies (an original and three copies) of the completed form and signed and notarized Affidavit to:

Central Records Filing Clerk  
Public Utility Commission of Texas  
1701 N. Congress Avenue  
P.O. Box 13326  
Austin, Texas 78711-3326  
Telephone: (512) 936-7180



**1. Historical five-year reporting period:** 2015 - 2019

What percentage of overhead transmission facilities greater than 60 kilovolts did you inspect for compliance with the National Electric Safety Code (NESC) relating to vertical clearance in the historical five-year reporting period?

All (100 percent) of STEC's transmission lines were inspected aurally utilizing airplanes or helicopters each year from 2015 through 2019 to detect transmission line and right-of-way issues that may have created situations that do not comply with NESC minimum vertical clearances.

Ground-based patrols were performed for vegetation management inspection, pole top inspection and rehabilitation, and pole ground line inspection and treatment. In addition, patrols were performed to find the causes of operations. Such ground-based inspections were performed to detect facility conditions that create situations that do not meet the NESC vertical clearance requirements. The per-year inspection percentages were as follows:

2015 86%  
2016 85%  
2017 70%  
2018 89%  
2019 97%

**2. Future five-year reporting period: 2020**

What percentage of overhead transmission facilities greater than 60 kilovolts do you anticipate you will inspect for compliance with the NESC relating to vertical clearance during the future five-year reporting period beginning on January 1 of the year in which this report is submitted?

STEC expects that it will aerially inspect 100 percent of its transmission lines this year and each subsequent year through 2024.

Ground-based patrols will be deployed to inspect the following percentages of total transmission line length in the indicated year:

2020 88%  
2021 87%  
2022 96%  
2023 86%  
2024 98%

Additionally, in 2020, STEC began measuring the vertical clearances of lines that cross the lakes listed in HB 4150. STEC plans to complete lake crossing measurements by the end of the year. Thereafter, STEC plans to measure vertical clearances at suspect locations along approximately 10 percent of its transmission line length in each of the years 2021 through 2024.

Affected Entity: South Texas Electric Cooperative, Inc.

PROJECT NO. 50594

## AFFIDAVIT

I swear or affirm that I have personal knowledge of the facts stated in this report or am relying on people with personal knowledge, that I am competent to testify to them, and that I have the authority to submit this report on behalf of the affected entity. I further swear or affirm that all statements made in this report are true, correct, and complete.

Cory Allen

Signature

Cory Allen

Printed Name

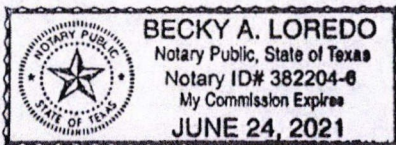
Assistant General Manager/Manager of Power Delivery

Job Title

South Texas Electric Cooperative, Inc.

Name of Affected Entity

Sworn and subscribed before me this 30th day of April, 2020  
Month Year



Becky A. Loredó

Notary Public in and For the State of Texas

My commission expires on 6-24-2021