



## **Filing Receipt**

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**Item Number - 63**



## Public Utility Commission of Texas

### Five-Year Report

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

**PROJECT NO.** 57535

**AFFECTED ENTITY:** Southwestern Electric Power Company (SWEPCO)

#### 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:** 1/1/2020 - 12/31/2024

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?

In order to verify compliance with the requirements of the Commission's rule and HB 4150, AEP Service Corporation (AEPSC) on behalf of SWEPCO has performed a LiDAR inspection of all transmission lines greater than 60kv in Texas to ensure that each line has been designed and constructed in accordance to NESC requirements. Performing LiDAR enables the Company to survey the system and to create a modern and accurate record in which to assess compliance. The Company completed the aerial survey of 100% of applicable lines during the 2020-2024 reporting period. A portion of the survey results remained to be analyzed at the end of 2024 and was completed during the first quarter of 2025.

While not for purposes of complying with this Commission rule, routine visual inspections of the transmission system are conducted for safety reasons. These inspections are conducted to observe and report on the physical condition of transmission lines and their right of way. Line inspections reveal the condition of any line components that may be near the end of their useful life, which may present potential danger to the public or company personnel, or which may pose an immediate threat of circuit interruption. As such, the routine inspection procedures could identify visually apparent safety conditions where appropriate clearances may not have been maintained between the conductor and the ground or an object.

**2. Future five-year reporting period:** 1/1/2025 - 12/31/2029

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?

AEPSC anticipates completing LiDAR for 100% of SWEPCO's applicable lines over the 2025-2029 reporting period. This type of engineering grade survey provides comprehensive analysis capabilities to ensure the physically constructed transmission lines' vertical clearances comply with NESC requirements.

The LiDAR is in addition to the annual routine inspections.

**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.

Brett Mattison  
Signature

Brett Mattison  
Printed Name

President & COO  
Job Title

SWEPCO  
Name of Affected Entity

Sworn and subscribed before me this 24 day of April, 2015  
Month Year

Jonathan McCartney  
Notary Public in and For the State of LOUISIANA

My commission expires on at death

