

Control Number: 50594



Item Number: 46

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Public Utility Commission of Texas

Five-Year Report

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



PROJECT NO. 50594

AFFECTED ENTITY: Oncor Electric Delivery Company LLC ("Oncor")

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

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1. Historical five-year reporting period: 1/1/2015 - 12/31/2019

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?

During the past five years, Oncor performed aerial patrols on 100% of its transmission facilities greater than 60 kilovolts twice annually. Additionally, Oncor performed ground-based patrols on 83% of its transmission facilities during the five-year reporting period. Both aerial and ground-based patrol activities are conducted to identify and mitigate hazardous conditions, including transmission lines where the requisite clearances are clearly not adequate due to topography or other changes, in order to maintain the safety and reliability of the transmission system.

2. Future five-year reporting period: 1/1/2020 - 12/31/2024

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?

Oncor anticipates that 100% of overhead transmission facilities greater than 60 kilovolts will be inspected specifically for compliance with NESC vertical clearance requirements during the future five-year reporting period. Oncor expects to perform this inspection through the collection of aerial surveying LiDAR data and integration of these survey points into software models of the transmission facilities. Oncor began piloting this inspection and evaluation process approximately 3 years ago as a part of its as-built construction verification process. Utilization of this methodology is being expanded because of the increased accuracy and efficiencies that it provides in validating in-field vertical clearances.

Affected Entity: Oncor Electric Delivery Company LLC

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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.

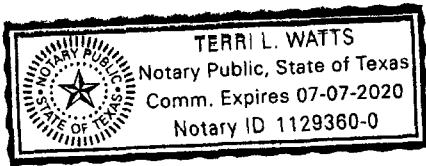
Thomas J Yamin
Signature

Thomas Yamin, P.E.
Printed Name

Senior Regulatory Manager – Transmission and Planning
Job Title

Oncor Electric Delivery Company LLC ("Oncor")
Name of Affected Entity

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



Terri L. Watts
Notary Public in and For the State of Texas.
My commission expires on 07-07-2020.