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Filing Date - 2023-04-28 02:17:41 PM

Control Number - 54435

Item Number - 144



Public Utility Commission of Texas

Annual Report

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

PROJECT NO. 54435

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

General Information

Pursuant to 16 Texas Admin. Code § 25.97(f)(1), not later than May 1 of each year, each affected entity must submit this report for the preceding calendar year. 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. If you check no in part 1.a, leave parts 1.b-d blank.

Violations resulting from, and incidents, fatalities, or injuries attributable to a violation resulting from, a natural disaster, weather event, or man-made act or force outside of an affected entity's control are not required to be reported.

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. This part applies only to an affected entity that owns or operates overhead transmission facilities greater than 60 kilovolts.

a) Does this part 1 apply to you? Yes No

b) Provide the number of identified occurrences of noncompliance with Public Utility Regulatory Act (PURA) § 38.004 regarding vertical clearance requirements of the National Electrical Safety Code (NESC) for overhead transmission facilities.

Oncor has collected detailed survey data (i.e. LIDAR), structural imagery, and right-of-way video, and coordinated with subject matter experts to perform structural and spatial modeling of Oncor's overhead transmission system. As described within the Five-Year Report¹ filed with the PUCT on April 30th, 2020, Oncor plans to evaluate 100% of overhead transmission facilities for compliance with NESC vertical clearance requirements by the end of 2024.

Previously filed Annual Reports² primarily included instances of noncompliance that were identified across lakes that were listed within HB-4150³; as Oncor's evaluation of these lake crossings was completed during the 2021 calendar year, this year's Annual Report represents only information concerning Oncor's initiative to evaluate conductor clearances across the entire overhead transmission system.

In 2022, a total of 20,686 transmission spans (the section of wires of a transmission line circuit between adjacent structures), associated with 151 transmission circuits, and representing more than 3,000 circuit-miles, were analyzed to determine compliance with National Electric Safety Code (NESC) vertical clearance requirements.

While Oncor regularly conducts aerial and ground patrols on transmission circuits, including lake crossings, to identify and mitigate safety and reliability concerns, employing more advanced technology and analytical capabilities resulted in more precise and actionable information. Of the 20,686 spans analyzed, 263 spans, associated with 53 transmission circuits, were determined to not meet NESC required vertical clearance. Of the 263 spans that were determined to not meet NESC required vertical clearance, 70 spans, associated with 20 transmission circuits, were brought into compliance by the end of 2022.

Project scoping and mitigation activities are underway for the remaining 193 spans, associated with 33 transmission circuits, that have not yet been brought into compliance. This includes prioritizing projects by non-compliance impact, and in some cases, performing interim remediation activities for locations that will require more expansive correction work.

¹ PUCT Docket 50594

² PUCT Docket 50596, PUCT Docket 51890, and PUCT Docket 52938

³ TX HB 4150, 2019 Reg. Sess. (Tex. 2019)

c) Do you have actual knowledge that any portion of your transmission system is not in compliance with PURA § 38.004 regarding vertical clearance requirements of the NESC for overhead transmission facilities?

Aside from the one hundred ninety-three (193) spans mentioned in subpart b), Oncor does not have actual knowledge that any portion of its transmission system is not in compliance with PURA 38.004 regarding vertical clearance requirements of the NESC for overhead transmission facilities.

d) Do you have actual knowledge of any violations of easement agreements with the United States Army Corps of Engineers relating to PURA § 38.004 regarding vertical clearance requirements of the NESC for overhead transmission facilities?

Oncor has actual knowledge of one (1) violation of easement agreements with the United States Army Corps of Engineers relating to PURA 38.004 regarding vertical clearance requirements of the NESC for overhead transmission facilities. This violation was identified on one (1) transmission circuit, and includes two (2) spans.

Although these two (2) spans do not meet the clearance values contained within the USACE easement agreement, they do meet the applicable vertical clearances which are required by the NESC.

2. This part applies to an affected entity that owns or operates overhead transmission facilities greater than 60 kilovolts or distribution facilities greater than 1 kilovolt.
- a) Provide the number of fatalities or injuries of individuals other than employees, contractors, or other persons qualified to work in proximity to overhead high voltage lines involving transmission or distribution assets related to noncompliance with the requirements of PURA § 38.004.

None.

b) Provide a description of corrective actions taken or planned to prevent the reoccurrence of fatalities or injuries described in subpart a), immediately above.

N/A.

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 J. Yamin, P.E.

Printed Name _____

Director— Regulatory Transmission and Planning

Job Title _____

Oncor Electric Delivery Company LLC ("Oncor")

Name of Affected Entity _____

Sworn and subscribed before me this 28th day of April, 2023
Month Year

Stephanie Lee Tenorio

Notary Public in and For the State of Texas

My commission expires on 7-21-2024

