

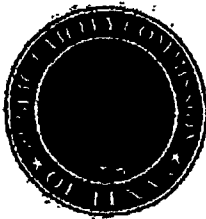


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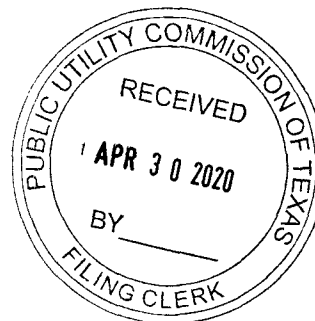
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Public Utility Commission of Texas

**Employee Training Report
Required by 16 Texas Admin. Code § 25.97(d)**



PROJECT NO. _____

AFFECTED ENTITY: Lea County Electric Cooperative

General Information

Pursuant to 16 Texas Admin. Code § 25.97(d)(2), not later than the 30th day after the date an affected entity finalizes a material change to a document or training program, the affected entity must submit an updated 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

Affected Entity: LC EC

PROJECT NO. _____

1. Provide a summary description of hazard recognition training documents you provide your employees related to overhead transmission and distribution facilities.

Affected Entity: **Lea County Electric Cooperative**

PROJECT NO.

1. Provide a summary description of hazard recognition training documents you provide your employees related to overhead transmission and distribution facilities.

Course Materials:

1. Power Point Presentation
2. Presentation Material Handouts
3. NESC Clearance Handouts
4. HB 4150 Law

Affected Entity: LCEC

PROJECT NO. _____

2. Provide a summary description of training programs you provide your employees related to the National Electrical Safety Code for construction of electric transmission and distribution lines.

Affected Entity: **Lea County Electric Cooperative**

PROJECT NO.

2. Provide a summary description of training programs you provide your employees related to the National Electrical Safety Code for construction of electric transmission and distribution lines.

Course Outline:

1. HB 4150 Review
2. Hazard Recognition
3. NESC Clearance Guideline Requirements

In accordance with the William Thomas Heath Power Line Safety Act, HB 4150, and PUCT Substantive Rule 25.97, Lea County Electric Cooperative is providing a summary description of training programs provided to employees related to overhead transmission and distribution lines. Among other things, this training includes hazard recognition, adherence to NESC guidelines for construction, operation and maintenance of transmission and distribution lines. Training also includes NESC Rule 232, clearance requirements over any of the 178 lakes listed in the Act. Included herein are summaries of the current training modules Lea County Electric Cooperative is providing to employees.

Summary of TEC Safety Meeting Webinar HB4150 Training (two- to four-hour course)

The training will include an overview of HB 4150 with an explanation of requirements for the utilities operating in Texas. It will also include hazard recognition training as it applies to the requirements of compliance with the National Electric Safety Code (NESC). This will include clearance requirements for lands, roadways, and waterways. The employee training will define to whom, when and how the bill applies. As well as explanation of guidelines, requirements, and deadlines for filing reports. A portion of the course will include hazard recognition and an explanation of clearance guideline requirements preparing employees to proactively recognize and report hazards and clearance related issues on their utilities' system.

Course Outline:

1. HB 4150 Review
2. Hazard Recognition
3. NESC Clearance Guideline Requirements

Course Materials:

1. Power Point Presentation
2. Presentation Material Handouts
3. NESC Clearance Handouts
4. HB 4150 Law

Summary of Transmission Webinar for PURA §38.102 (one-hour course to accompany TEC Safety Meeting)

PURA §38.102 requires electric utilities including electric cooperatives and municipally owned utilities to provide training to employees related to the National Electric Safety Code (NESC) for construction of electric transmission and distribution lines. This webinar discusses the requirements for transmission facilities which are defined as facilities operating above 60 kV. The webinar will not include discussions regarding distribution lines. This training will focus on transmission clearances, strength issues, and access of overhead transmission lines.

Course Outline:

1. Maximum Operating Temperature and Sag Requirements for Transmission

Conductors

2. Additional Ground Clearance Requirements for Transmission Lines

a. Maximum Operating Voltage

b. Elevation above Sea Level

c. Electrostatic Effects to Vehicles below the Line.

3. Additional Clearances from Building/Signs

a. Deflection of Insulators

b. Deflection of Structures

c. Clearance Based on Maximum Operating Voltage

d. Limited Electrostatic Effects to Buildings and Signs below the Line

4. Mid-span Conductor Clearances

5. Power Lines and Phone Lines Crossing below Transmission Lines

6. Grade of Construction for Voltages Over 22kV

a. Guying Strength Requirements

b. Under-build Strength Requirements

7. Identification of Climbable Supporting Structures

Objectives:

1. Determine appropriate clearances for transmission lines.

2. Define maximum sag for determined clearances.

3. Identify strength requirements for transmission facilities

Summary of Hazardous Recognition Training for Transmission Facilities (one-hour course to accompany

TEC Safety Meeting)

PURA §38.102 requires electric utilities including electric cooperatives and municipally owned utilities to provide hazard recognition training related to overhead transmission and distribution facilities. For the purposes of this training, transmission facilities include those electric facilities operating above 60 kV. One of the challenges to recognizing hazards inherent to transmission facilities is the significant changes in conductor sag for transmission lines. The goal for this training is to educate employees to observe, recognize and report hazardous situations.

Course Outline:

1. Definition of a Hazard
2. Hazards to Report
 - a. Non-compliance with NESC
 - b. Failed System Components
 - c. Failure of Warning Lights/Marker Balls
3. Summary of Clearances for Transmission Facilities
4. Recognition of Changes in Conductor Sag for Long Spans
5. Activities near the Line
 - a. Grading
 - b. Crane Operation OSHA 1926.1408(a)
 - c. Scaffold Clearances OSHA 1926.451(f)
 - d. Construction of Adjacent Buildings/Signs
6. Right-of-way Issues
 - a. Danger Trees
 - b. Dead Trees
 - c. Erosion of the Right-of-Way
7. Priorities of Reported Issues
8. Record Keeping Requirements

Objectives:

1. Define hazards associated with transmission lines.
2. Identify appropriate distance for cranes from power lines.

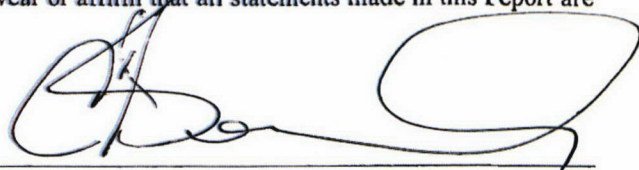
3. Identify required clearances for transmission line related to roads and buildings.
4. Define a danger tree.

Affected Entity: LCFC

PROJECT NO. _____

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.



Signature

CHRIS BESSECKER

Printed Name

MANAGER OF ADMINISTRATIVE SERVICES

Job Title

LEA COUNTY ELECTRIC COOPERATIVE

Name of Affected Entity

Sworn and subscribed before me this 29th day of April, 2020
Month Year



Notary Public in and For the State of New Mexico

My commission expires on 3/28/2023



Public Utility Commission of Texas

Five-Year Report

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

PROJECT NO. _____

AFFECTED ENTITY: LEA COUNTY ELECTRIC COOP., 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

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Affected Entity: LEA COUNTY ELECTRIC COOP., INC.

PROJECT NO. _____

1. Historical five-year reporting period: 2016-2020

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?

Lea County Electric Cooperative (LCEC) has visually inspected 100% of it's transmission poles through the contracted pole line inspection program and routine inspection and maintenance program. One percent of LCEC's transmission system has documented measurements.

Affected Entity: LEA COUNTY ELECTRIC COOP., INC.

PROJECT NO. _____

2. Future five-year reporting period: 2021-2025

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?

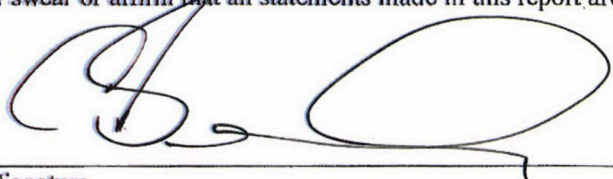
LEA COUNTY ELECTRIC COOP., INC. Plans on performing 100% of vertical measuring on all overhead transmission lines., 20% per year for five year period.

Affected Entity: LEA COUNTY ELECTRIC COOP., INC.

PROJECT NO. _____

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.



Signature

CHRIS BESSECKER

Printed Name

MANAGER OF ADMINISTRATIVE SERVICES

Job Title

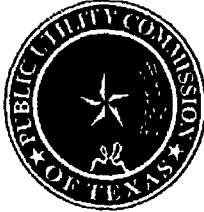
LEA COUNTY ELECTRIC COOP., INC.

Name of Affected Entity

Sworn and subscribed before me this 29th day of April, 2020
Month Year

Notary Public in and For the State of New Mexico

My commission expires on 3/28/2023



Public Utility Commission of Texas

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

LEA COUNTY ELECTRIC COOPERATIVE, INC.

PROJECT NO. _____

AFFECTED ENTITY: LEA COUNTY ELECTRIC COOPERATIVE, INC.

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

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Affected Entity: LEA COUNTY ELECTRIC COOPERATIVE, II

PROJECT NO. _____

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.

LEA COUNTY ELECTRIC COOPERATIVE, INC. Did not have any occurrences.

Affected Entity: LEA COUNTY ELECTRIC COOPERATIVE, II

PROJECT NO. _____

- 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?

LEA COUNTY ELECTRIC COOPERATIVE, INC., is in compliance.

- 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?

LEA COUNTY ELECTRIC COOPERATIVE, INC. Does not apply.

Affected Entity: LEA COUNTY ELECTRIC COOPERATIVE, II

PROJECT NO. _____

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.

LEA COUNTY ELECTRIC COOPERATIVE, INC. Did not have any.

Affected Entity: LEA COUNTY ELECTRIC COOPERATIVE, II

PROJECT NO. _____

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

Affected Entity: LEA COUNTY ELECTRIC COOPERATIVE, II

PROJECT NO. _____

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.



Signature

CHRIS BESSECKER

Printed Name

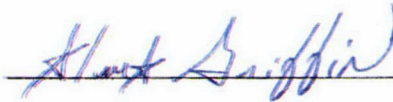
MANAGER OF ADMINISTRATIVE SERVICES

Job Title

LEA COUNTY ELECTRIC COOPERATIVE

Name of Affected Entity

Sworn and subscribed before me this 29th day of April, 2020
Month Year



Notary Public in and For the State of New Mexico

My commission expires on 3/28/2023.