



Control Number: 50595



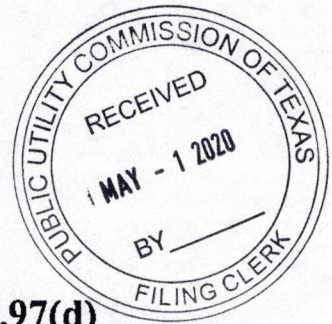
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## Public Utility Commission of Texas

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



**PROJECT NO.** 50595

**AFFECTED ENTITY:** City of Austin dba Austin Energy

#### 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

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

The City of Austin dba Austin Energy (Austin Energy) has a Distribution Electrician (DE) Apprenticeship Program applicable to all field personnel in the following titles: Distribution Electrician Helper, Distribution Electrician I and Distribution Electrician II (Apprenticeship Program). The DE job family applies to distribution, transmission and network field personnel. The Apprenticeship Program is a 4 year program. It consists of formal classroom training utilizing the Northwest Lineman College (NLC) curriculum along with required on-the-job-training (OJT) task sign-offs. Once the Apprenticeship Program is completed, DE I/II's complete a fifth year of Austin Energy-specific classroom training, OJT, and rotational cross-training.

Austin Energy's Apprenticeship Program incorporates hazard recognition training related to overhead transmission and distribution facilities throughout the curriculum. Course content gets increasingly complex for higher levels in the job family. The following describes the topics covered in each level of training.

**Distribution Electrician Helper (2000 hours of training)**

- Introduction to Power Delivery
- Knots, Splices and Ropes
- Power Assisted Tools
- Safety One/First Aid
- Climbing Wood Poles
- Pole Top Rescue
- Bucket Truck Rescue
- Confined Space Rescue
- Distribution Construction Standards
- Electrical Systems
- Transformer Basics
- Applied Mathematics
- Basic Electrical Theory
- OSHA 1910.269

**Distribution Electrician I (2000 hours of training)**

- Safety 2
- Electrical Test Equipment
- Live Line Equipment and Methods
- Personal Protective Grounding
- Meters and Service Installations
- Overhead Conductors
- Underground Conductors
- Rigging
- Transformer Change Out
- AC Fundamentals
- Substations
- OSHA 1910.269

**Distribution Electrician II (4000 hours of training)**

- Safety 3
- Advanced Transformers
- NESC 1 & NESC 2
- System Protection
- System Power Flow
- Metering
- Maps and Standards
- Special Elements One
- OSHA 1910.269
- Safety 1
- Communications Systems
- Special Elements Two
- Vegetation Management
- System Operations
- System Automation
- Overhead Line Design
- Underground Line Design
- Trouble Investigation
- Crew Leadership
- Streetlights



- 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.**

The City of Austin dba Austin Energy (Austin Energy) has a Distribution Electrician (DE) Apprenticeship Program applicable to all field personnel in the following titles: Distribution Electrician Helper, Distribution Electrician I, and Distribution Electrician II (Apprenticeship Program). The DE job family applies to distribution, transmission and network field personnel. The Apprenticeship Program is a 5 year program. Years 1-4 consist of formal classroom training utilizing the Northwest Lineman College (NLC) curriculum along with required on-the-job-training (OJT) task sign-offs. Year 5 consists of Austin Energy-specific classroom training, OJT, and rotational cross-training.

Austin Energy's Apprenticeship Program incorporates the following courses related to the National Electrical Safety Code (NESC) for construction of electric transmission and distribution lines: NESC 1, NESC 2, and Overhead Line Design. NESC 2 includes a chapter titled "Conductor Movement and Resulting Clearances".

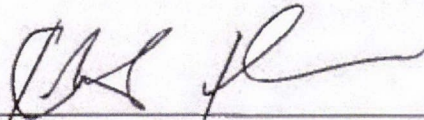
Additionally during Safety meetings, AE provides "NESC Clearances" training to all employees in the Electric System business units, which includes Power System Engineers who design transmission and distribution lines.

Affected Entity: City of Austin dba Austin Energy

PROJECT NO. 50595

### 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.

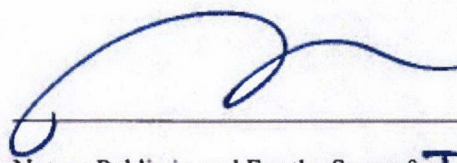
  
\_\_\_\_\_  
Signature

Charles Dickerson  
\_\_\_\_\_  
Printed Name

Deputy General Manager / Chief Operating Officer  
\_\_\_\_\_  
Job Title

City of Austin dba Austin Energy  
\_\_\_\_\_  
Name of Affected Entity

Sworn and subscribed before me this 1<sup>st</sup> day of May, 2020  
Month Year

  
\_\_\_\_\_  
Notary Public in and For the State of Texas

My commission expires on 1/23/2022

