

Clewiston Utilities
Report to the Florida Public Service Commission Pursuant to
Rule 25-6.0343, F.A.C.
Calendar Year 2020

1) Introduction

- a) Name of city/utility: Clewiston Utilities

- b) Address, street, city, zip: 141 Central Ave., Clewiston, 33440

- c) Contact information: Name, title, phone, fax, email:
Lynne Mila, Compliance Officer
863-983-1454
FAX: 863-983-3406
lynne.mila@clewiston-fl.gov

2) Number of meters served in calendar year 2020

4,199

3) Standards of Construction

a) National Electric Safety Code Compliance

Construction standards, policies, guidelines, practices, and procedures at Clewiston Utilities comply with the National Electrical Safety Code (ANSI C-2) [NESC]. For electrical facilities constructed on or after January 1, 2017, the 2017 NESC applies. The edition of the NESC in effect at the time of the facility's initial construction governs electrical facilities constructed prior to January 1, 2017.

b) Extreme Wind Loading Standards

Construction standards, policies, guidelines, practices, and procedures at Clewiston Utilities are guided by the extreme wind loading standards as specified by <http://windspeed.atcouncil.org/> as recommended by the 2017 NESC for new construction.

c) Flooding and Storm Surges

Clewiston Utilities is a non-coastal utility, therefore storm surge/flooding is not an issue.

d) Safe and Efficient Access of New and Replacement Distribution Facilities

Electrical construction standards, policies, guidelines, practices, and procedures at Clewiston Utilities provide for placement of new and replacement distribution facilities so as to facilitate safe and efficient access for installation and maintenance. Wherever new facilities are placed (i.e. front, back or side of property), all facilities are installed so that Clewiston Utilities' facilities are accessible by its crews and vehicles to ensure proper maintenance/repair is performed as expeditiously and safely as possible. Clewiston Utilities decides on a case-by-case basis whether existing facilities need to be relocated. If it is determined that facilities need to be relocated, they will be placed in the safest, most accessible area available.

e) Attachments by Others

We do not have a standard guideline for pole attachments at the City of Clewiston, however all attachments are reviewed by our Engineer and since all new construction is required to be underground we have had no new pole attachments in over twenty four years. The only two entities that attach to our poles, Century Link and Comcast, have been reducing the number of pole attachments and moving to underground installations for the last several years, we expect this trend to continue.

4. Facility Inspections**a) Describe the utility's policies, guidelines, practices, and procedures for inspecting transmission and distribution lines, poles, and structures including, but not limited to, pole inspection cycles and pole selection process.**

In 2020 we contracted with Power Pole Maintenance Company to perform our pole inspections, which were sound and bore with strength calculations and, due to our small size we completed our entire system in three months. We also conduct infrared inspections of our entire distribution system on a three to four year cycle and perform spot checks for problem areas with our in house Level II certified inspector. Poles that have significant rot below ground line, or internal decay are rejected.

b) Describe the number and percentage of transmission and distribution inspections planned and completed for 2020.

2300 poles or 100% of the distribution poles were inspected.

c) Describe the number and percentage of transmission poles and structures and distribution poles failing inspection in 2020 and the reason for the failure.

180 poles did not pass inspection, or 7.8% of our system. Pole rot below the ground or excessive split top were the major reasons for rejection.

- d) Describe the number and percentage of transmission poles and structures and distribution poles, by pole type and class of structure, replaced or for which remediation was taken after inspection in 2020, including a description of the remediation taken.**

10 poles or .4% were replaced. 1668 poles were excavated to 18 inches to determine if any decay was present then remedial paste treatment and paper barrier were applied. 419 poles with primary risers or obstacles preventing excavation were bored in a step pattern beginning at ground line and Cobra Rods were placed for treatment: 1 rod per 10 inches of circumference.

5. Vegetation Management

- a) Describe the utility's policies, guidelines, practices, and procedures for vegetation management, including programs addressing appropriate planting, landscaping, and problem tree removal practices for vegetation management outside of road right-of-ways or easements, and an explanation as to why the utility believes its vegetation management practices are sufficient.**

We have a city ordinance that prevents any hedges or trees from being planted in the easements, any tree that is in the easement that has grown to reach the power lines is completely removed. 100% of our distribution system is inspected annually for excessive tree growth. Using this inspection method, we trim the entire distribution system continuously, as-needed. Furthermore, we accept requests from customers for tree trimming that impacts our distribution system.

- b) Describe the quantity, level, and scope of vegetation management planned and completed for transmission and distribution facilities in 2020.**

The Public Utility Research Center has held two vegetation management workshops in 2007 and 2009. Through FMEA, the City of Clewiston has a copy of their reports and will use the information to continually improve vegetation management practices. We will participate in future best-practice workshops if there is interest.

All transmission and feeder distribution facilities were checked and trimmed in 2020 as they are every year.

6. Storm Hardening Research

Clewiston Utilities is a member of the Florida Municipal Electric Association (FMEA), which is participating with all of Florida's electric utilities in storm hardening research through the Public Utility Research Center at the University of Florida. Under separate cover, FMEA will provide the FPSC with a report of research activities. For further information, contact Amy Zubaly, Executive Director, FMEA, 850-224-3314, ext.1001, or azubaly@publicpower.com.