

City of Clewiston
Report to the Florida Public Service Commission Pursuant to
Rule 25-6.0343, F.A.C.
Calendar Year 2017

1) Introduction

- a) City of Clewiston

- b) 141 Central Ave., Clewiston, FL 33440

- c) Lynne Mila, Compliance Manager
Phone 863-983-1454
Fax 863-983-3406
lynne.mila@clewiston-fl.gov

2) Number of meters served in calendar year 2017

4,076

3) Standards of Construction

a) National Electric Safety Code Compliance

Construction standards, policies, guidelines, practices, and procedures at the City of Clewiston comply with the National Electrical Safety Code (ANSI C-2) [NESC]. For electrical facilities constructed on or after February 1, 2007, the 2007 NESC applies. Electrical facilities constructed prior to February 1, 2007, are governed by the edition of the NESC in effect at the time of the facility's initial construction.

b) Extreme Wind Loading Standards

Construction standards, policies, guidelines, practices, and procedures at the City of Clewiston are guided by the extreme wind loading standards specified by Figure 250-2(d) of the 2002 edition of the NESC for:

- a) New construction.
- b) Major planned work, including expansion, rebuild, or relocation of existing facilities, assigned on or after December 10, 2006.

c) Flooding and Storm Surges

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

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

The City of Clewiston Utilities requires all new residential development to have front yard easements and road access. We also have an ordinance in place protecting our rear utility easements from fences, hedges, sheds and trees. Where practical rebuilds will relocate rear services to the front and underground the service. Commercial applications require truck access to the facility.

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 thirteen 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 2006 we contracted with Osmose 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 four years. In 2014 we began a 5 year inspection cycle "in house". Pursuant to our written procedure, by 2019 all wood distribution poles will be inspected using sounding, prod and visual inspections. We 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.

b) Describe the number and percentage of transmission and distribution inspections planned and completed for 2017.

We scheduled 640 poles, or 40% of our total distribution poles for inspection. 412 poles were inspected in 2017; we intend to inspect 20% of our poles in 2018 and plan to complete all inspections by the end of 2018. We replaced 33 poles that failed inspection. Please see attached "Clewiston Pole Inspection Log".

c) Describe the number and percentage of transmission poles and structures and distribution poles failing inspection in 2017 and the reason for the failure.

33 poles failed inspection due to "pole rot".

- 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 2017, including a description of the remediation taken.**

All of our transmission poles are concrete. The distribution poles that failed inspection were class 4 and 5. These poles have been marked and will be scheduled for replacement in the near future. In 2017 we replaced 23 40-foot wood distribution poles in our system previously identified.

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 2017.**

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 2017 as they are every year. We also completed 54 customer requests for tree trimming.

6. Storm Hardening Research

The City of Clewiston 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 is providing the FPSC with a report of research activities. For further information, contact Amy Zubaly, Interim Executive Director, Florida Municipal Electric Association (850) 224-3314, ext. 7 azubaly@publicpower.com.

