

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

1) Introduction

- a) City of Chattahoochee

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2) Number of meters served in calendar year 2017

1173

3) Standards of Construction

a) National Electric Safety Code Compliance

Construction standards, policies, guidelines, practices and procedures at the City of Chattahoochee comply with the National Electrical Safety Code (ANSI C-2)

b) Extreme Wind Loading Standards

Construction standards, policies, guidelines, practices and procedures at the City of Chattahoochee are guided by extreme wind loading standards specified by figure 250-2 (d) of the 2007 edition of the N.E.S.C. for new construction, rebuilding, or relocation of existing facilities, assigned on or after December 10, 2006.

c) Flooding and Storm Surges

The City of Chattahoochee 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 the City of Chattahoochee provide for placement of new and replacement distribution facilities so as to facilitate safe and efficient access for installation and maintenance.

e) Attachments by Others

The pole attachment agreement between the City of Chattahoochee and third-party affiliates include language, which specifies that the affiliate, not the City of Chattahoochee, has the burden of assessing pole strength and safety before they attach to the pole. The city or its designee shall have the right to inspect any time all construction work performed.

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.

A complete inspection is performed on the City of Chattahoochee's distribution system every three years. The inspection involves excavation around the base of the pole, sounding with a hammer (to determine if there is a hollow forming), and probing with a steel rod to determine depth of rot. A visual examination of the pole hardware, insulators, guys and anchorage points are also made during this time.

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

All 1957 distribution poles were inspected in January of 2018. The City of Chattahoochee has no transmission facilities.

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

In the 2018 inspections 53 distribution poles, or 2.7% inspected were found to be defective. Ground line and pole top decay were the causes.

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.

17 - (32% of poles failing inspection) class 6 - 30'
6 - (11% of poles failing inspection) class 6 - 35'
26 - (49% of poles failing inspection) class 4 - 40'
4 - (7.5% of poles failing inspection) class 4 - 45'

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.

The City of Chattahoochee trims the distribution system on an annual basis. By trimming annually this decreases the man hours taken to perform this task when it is let go for too long. It also decreases the anxiety of home owners by not butchering trees that are extremely overgrown. This also cuts down on animal outages (mainly squirrels) by limiting their pathways to poles and conductors. All dead and severely leaning trees that pose a threat to lines are removed to prevent contact and damage.

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 management workshops in 2007 and 2009. Through FMEA, the City of Chattahoochee 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.

6. Storm Hardening Research

City of Chattahoochee 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, Executive Director, FMEA, 850-224-3314, ext.1, or azubaly@publicpower.com.