

City of Newberry
**Storm Hardening Report to the Florida Public Service
Commission Pursuant to Rule 25-6.0343, F.A.C.
Calendar Year 2013**

1) Introduction

- a) City of Newberry
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2) Number of customers served in calendar year 2013

1,671

3) Standards of Construction

- a) National Electric Safety Code Compliance

Construction standards, policies, guidelines, practices, and procedures at the City of Newberry 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 Newberry, meet the extreme wind loading standards specified by Figure 250-2(d) of the 2002 edition of the NESC for 1) new construction; 2) major planned work, including expansion, rebuild, or relocation of existing facilities, assigned on or after January 1, 2007; and 3) targeted critical infrastructure facilities and major thoroughfares.

The City of Newberry is also participating in the Public Utility Research Center's (PURC) granular wind research study through the Florida Municipal Electric Association.

c) Flooding and Storm Surges

NOT applicable, The City of Newberry is an inland Community located 45 miles from a coastal area.

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

All New Electrical Construction and Replacement Distribution Facilities within the City of Newberry are constructed along Road Right of Ways or on accessible easements. No construction is allowed on rear lot lines within Residential Subdivisions.

e) Attachments by Others

We have established pole loading rates for our system which limits 3rd party attachers.

4. Facility Inspections

a) Policies, guidelines, practices, and procedures for inspecting transmission and distribution lines, poles, and structures.

All distribution poles are inspected on a three (3) year cycle by City of Newberry personnel. Poles are inspected at ground line for deterioration, entire upper part of the pole for cracks and soundness of upper part of pole.

c) Number and percentage of transmission and distribution inspections planned and completed for 2013.

We inspected 100% of the poles in our system in 2013 totaling 1,539 Poles.

c) Number and percentage of transmission poles and structures and distribution poles failing inspection and the reason for the failure.

Top Rot – 93 – 6%

Bottom Rot -71 – 4.6%

d) 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, including a description of the remediation taken.

28 - Distribution Poles replaced in 2013:

6 - Class 3, 45' wood poles were replaced in 2013

2- Bottom and shell Rot

4- Top Rot

10 - Class 3, 40' wood poles were replaced in 2013

10- Top rot and woodpecker holes

6 - Class 3, 30' wood poles were replaced in 2013

6- Top rot and woodpecker holes

5. Vegetation Management

- a) 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 Newberry trims all distribution lines on a three (3) year cycle and attention is given to problem trees during the same cycle. Any problem tree not located within the right-of-way is addressed with the property owner and a solution is agreed upon before corrective actions are taken.

- b) Quantity, level, and scope of vegetation management planned and completed for transmission and distribution facilities.

One third (1/3) of the Distribution facilities are trimmed every year to obtain a three year cycle.

6. Storm Hardening Research

The City of Newberry 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 Barry Moline, Executive Director, FMEA, 850-224-3314, ext. 1, or bmoline@publicpower.com