

**City of Winter Park
Report to the Florida Public Service Commission Pursuant to
Rule 25-6.0343, F.A.C.
Calendar Year 2021**

1) Introduction

- a) City of Winter Park

- b) 401 Park Avenue South, Winter Park, FL. 32789

- c) Contact information:
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2. Number of meters served in calendar year 2021

The City of Winter Park served a monthly average of 14,707 electric customers.

3. 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.**

The City of Winter Park does not own transmission poles or lines. The City employed an outside contractor (Osrose Utility Services Inc.) to complete an inventory of distribution poles owned by the City. The initial inspection was completed in 2007. Wood pole inspections vary, three basic methods are used, and usually in combination, in order to assess the condition of a wood pole. Employees use a visual inspection and an assessment prior to climbing poles in conjunction with field work, and sounding a pole with a hammer to determine the soundness of a pole. The length of the inspection cycle is being evaluated to determine what is appropriate but it is presently planned not to exceed eight years or 12.5% per year. Replacement poles are pressure treated southern pine, and are class 1, 2, or 3.

b) Describe the number and percentage of transmission and distribution inspections planned and completed for 2021.

The City of Winter Park does not own transmission poles or lines. The City Of Winter Park would contract for sound and bore with excavation testing remaining distribution poles. WPE employees use a visual inspection and sounding with a hammer to assess the soundness of a pole prior to climbing in conjunction with field work. The City did not contract pole inspections in 2021.

c) Describe the number and percentage of transmission poles and structures and distribution poles failing inspection in 2021 and the reason for the failure.

The City Of Winter Park did not contract pole inspections in 2021, however WPE Utility workers routinely inspect the poles that are involved with daily jobs and work orders. The City's undergrounding program is eliminating many poles from our system and current practice is to replace poles that are no longer safe or serviceable or to underground that section of overhead conductor if practicable

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 2021, including a description of the remediation taken.

Based on the 2007 full system inspection, all repairs and replacements have been made. The City of Winter Park routinely inspects the poles that are involved with daily jobs and work orders. Poles requiring remediation or replacement were class 1, 2, or 3 wood. Pole damage from decay or insects would be treated with chemicals to inhibit decay and discourage insects. On some restorable poles, a metal truss is recommended to reinforce the base of the pole; Winter Park Electric prefers to schedule the pole in question for replacement. Replacement poles are pressure treated southern pine, and are class 1, 2, or 3. As undergrounding projects are completed, unnecessary poles are removed.

4. 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 Winter Park has hired a permanent employee and created an Urban Forestry Division to oversee the City's vegetation management program. The City's program is based on a three (3) year trim cycle, which is augmented as needed to maintain clearance between cycles. Dead and hazard trees located outside of right-of-way on private property, which present an imminent threat to power lines or equipment, are reported to the City's Urban Forester who has the authority to order the tree trimmed or removed. The City's contract language specifies that all routine trimming shall adhere to the National Arbor Day Foundation standards for Line Clearance and comply with ANSI A300 standards for tree trimming. This program of tree trimming, hazard tree and vine removals, combined with good pruning practices that direct future growth away from lines allows Winter Park Electric Utility to provide safe and reliable electrical service to customers on a day to day basis and reduces the potential for damage during storms. The Winter Park Electric Utility can see evidence of the effectiveness of its vegetation management program by the steady improvements in the SAIDI and MAIFI reliability index.

- b) **Describe the quantity, level, and scope of vegetation management planned and completed for transmission and distribution facilities in 2021.**

The City's vegetation management program is planned for a 3-year trimming cycle. The City has a mature, well developed canopy of Oak trees and our crews pruned/trimmed approximately 51.0 miles of distribution lines in 2018. The City believes that the quantity, level, and scope of its vegetation management are having a positive effect on production and the reliability indices for the City of Winter Park. The Public Utility Research Center has held two vegetation management workshops in 2007 and 2009. Through FMEA, The City of Winter Park Electric Utility has a copy of their reports and will use the information to continually improve vegetation management practices. We will participate in future best-practices workshops if there is interest.