

(Name of City/Utility)
Report to the Florida Public Service Commission Pursuant to
Rule 25-6.0343, F.A.C.
Calendar Year 2024

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 2024

The City of Winter Park served a monthly average of 15011 electric meters.

3) Standards of Construction

a) National Electric Safety Code Compliance

Construction standards, policies, guidelines, practices, and procedures at the City of Winter Park Electric Utility 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

The City of Winter Park began an ambitious initiative to put its entire distribution system underground. Total of 101 miles of mainline and feeders were undergrounded. As of the end of 2024, approximately 79.6% of the overhead system has been converted. The City of Winter Park requires that new residential electric services be installed underground.

As of December 10, 2006, the City of Winter Park is committed to undergrounding their entire electric distribution system and no new construction will be overhead.

c) Flooding and Storm Surges

The City of Winter Park is not a coastal community and storm surges or flooding are not a major issue. Flooding is not a significant problem during the hurricane seasons. The City of Winter Park took closer measures to change and implement new standards to locate facilities away from problematic area. In addition, Winter Park have added 12" above grade to those facilities located and identified as in a potential flood zone.

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

Electrical construction standards, policies, guidelines, practices, and procedures at the City of Winter Park 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 City facilities are accessible by its crews and vehicles to ensure proper maintenance/repair is performed as expeditiously and safely as possible. The City of Winter Park 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. One of the goals of the undergrounding projects is to improve accessibility by moving all back-lot medium voltage lines and equipment out to the front or side of the property (as applicable) so that facilities are accessible from the street or public right-of-way.

e) Attachments by Others

The pole attachment agreements between City of Winter Park Electric Utility and third-party attachers include language which specifies that the attacher, not the City of Winter Park Electric Utility, has the burden of assessing pole strength and safety before they attach to the pole. The City of Winter Park performs follow-up audits of attachments to ensure the attachment is properly installed and maintained. Due to Winter Park commitment to undergrounding the entire system therefore joint attachment will be obsolete.

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.

The City does not have a formal pole inspection policy. It is the City's intent to replace all overhead construction with underground distribution. The remaining 20.4% of the City's distribution system that is overhead has been inspected and has been deemed to be safe and able to remain until such time it has been replaced with underground facilities. The

remainder of the system to be undergrounded is targeted to be complete by 2030. The City of Winter Park owns no transmission structures.

b) Describe the number and percentage of transmission and distribution inspections planned and completed for 2024.

The City has a 9 square mile distribution system. The City of Winter park 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 pole inspections in 2024.

c) Describe the number and percentage of transmission poles and structures and distribution poles failing inspection in 2024 and the reason for the failure.

The City of Winter Park 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. Approximately 105 poles were removed in 2024 due to the undergrounding effort.

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 2024, including a description of the remediation taken.

The City of Winter Park replaced 8 40' class 3 wood poles with 8 40' class 3 wood poles. This would represent approximately 1.4% of the remaining poles in the Winter Park system

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 Winter Park maintains an Urban Forestry group with ISA Certified Arborists to oversee its Utility Vegetation Management (UVM) program. The program is based on a three-year trim cycle, which is augmented as needed to maintain clearance between cycles. Dead and hazard trees located outside of rights-of-way on private property which present an imminent threat to power lines or equipment are reported to an arborist, who has the

authority to order pruning or removal. Winter Park Electric Utility's UVM program adheres to the International Society of Arboriculture's Best Management Practices, the National Arbor Day Foundation's Standards for Line Clearance and ANSI A300 Standards for Tree Trimming. The program consists of directional pruning, hazard tree removals, vine removals and herbicide spraying. The program's effectiveness is evidenced by steady improvements in the SAIDI and MAIFI reliability indices. This allows Winter Park Electric Utility to provide safe, reliable electrical service and reduces the potential for damage during storms.

b) Describe the quantity, level, and scope of vegetation management planned and completed for transmission and distribution facilities in 2024.

Winter Park Electric Utility is in the midst of a multi-year project to underground electrical conductors throughout the city. The progress made towards eventual 100% undergrounding has resulted in the reduction of our routine maintenance pruning cycle from three years to two trim cycle and trimmed total of 6 feeders.

6) Storm Hardening Research

The City of Winter Park 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.