

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

1. Introduction

- b) Homestead Energy Services
- c) 675 N. Flagler Ave. Homestead FL, 33030
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2. Number of meters served in calendar year 2024

27,068

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.**

Construction standards, policies, guidelines, practices, and procedures at Homestead Energy Services comply with the National Electrical Safety Code (ANSI C-2) [NESC]. For electrical facilities constructed on or after February 1, 2023, the 2023 NESC applies. Electrical facilities constructed prior to February 1, 2023, are governed by the edition of the NESC in effect at the time of the facility's initial construction. The City of Homestead is on a 7-year cycle to inspect all its distribution poles. The poles are divided into 7 quadrants and one of the quadrants is inspected per year.

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

0% of Transmission was inspected in 2024

13% of Distribution Poles were inspected 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.

9.72% of distribution poles were rejected

16% due to Decayed Top/16 poles

64% due to Shell Rot/65 Poles

18% due to Woodpecker Holes/18 Poles

1% due to Lighting Strike/1 Pole

- 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.

Number of Poles	Original Pole	Replaced With	Material Type
3	35/4	35/2	Wood
3	40/4	40/2	Wood
5	45/4	45/2	Wood
38	40/2	40/III A	Concrete
41	45/2	45/III H	Concrete

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.

Homestead Energy Services employs a contractor for tree trimming services and added an additional tree trimming crew at the end of 2016. Customers are provided with literature regarding trees recommended for planting near power lines as requested. Homestead's geographic area is small, and it is estimated that the entire system is trimmed over a two-year cycle. The City of Homestead recently enacted Code changes that require property owners to keep vegetation on private property trimmed to maintain six feet of clearance from HES facilities. There are no issues with vegetation management for transmission facilities. As a city department, Homestead Energy Services works with Public Works and Building and Zoning to ensure that appropriate landscaping is planned in the vicinity of electrical facilities.

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

The City of Homestead currently trims and maintains vegetation on a two-year cycle. The utility's tree trimming contractor, Asplundh, is tasked with Homestead Energy's vegetation management process. Asplundh has a certified arborist and a state certified Commercial Applicator with experience in right of ways and vegetation management around transmission and distribution facilities on staff. Approximately 50% of the lines were cleared in 2024.