



City of Alachua

MIKE DAROZA
CITY MANAGER

RODOLFO VALLADARES, P.E.
PUBLIC SERVICES DEPARTMENT

Cover Letter

Subject: Facility Inspections and Vegetation Management Report for the City of Alachua pursuant to Rule 25-6.0343, F.A.C.

Pursuant to Rule 25-6.0343, Florida Administrative Code, attached is the Facility Inspections and Vegetation Management Report for 2021 for the City of Alachua. The attachment contains 2 pages.

Mr. William Shiskin, Electric System Supervisor

CITY OF ALACHUA

P.O. BOX 9

ALACHUA, FLORIDA 32616

(wi_shiskin@cityofalachua.org)

Phone: (386)518-5831, Fax: (386)418-6175

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

1) Introduction

CITY OF ALACHUA

PO BOX 9

ALACHUA, FLORIDA 32616

Mr. William Shiskin, Electric System Supervisor (wi_shiskin@cityofalachua.org)

Phone: (352)316-8182, Fax: (386)-518-5831

2) Number of meters served in calendar year 2021: **5076**

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 Alachua performed inspection of the electric poles in service for FY 2021, with an annual goal of 12.5% for an 8-year inspection cycle period.

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

Number of Poles: 2492 Inspected: 455 (18.2%)

Note: The City of Alachua owns only distribution poles, no transmission.

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

Distribution System Report for FY 2021- (455) poles inspected: Rejected (38) poles (8.3% of the total surveyed); Priority Rejects (2) due to Shell Rot at ground line, immediate change-out required; Non-Priority Rejects (36) due to Shell Rot, Decay Top, Split Top and Woodpecker Holes, replacement to be scheduled upon review by staff.

Average age of poles surveyed: 26 years.

- 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, including a description of the remediation taken.

The City of Alachua has no transmission poles. The wood poles failing annual inspection FY 2021 were 30'6(2), 35'5(7), 40'4(3), 40'5(3), 45'2(2), 45'4(12), 45'5(8) or 50'3(1); these poles were evaluated by staff and replaced accordingly. All other poles inspected were check/repair all grounding connections, including installation of guy guards for safety.

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 Public Utility Research Center has held two vegetation management workshops in 2007 and 2009. Through FMEA, the City of Alachua has a copy of the report and will use the information to continually improve vegetation management practices. We will participate in future best-practice workshops if there interest

- b) Quantity, level, and scope of vegetation management planned and completed for transmission and distribution facilities in 2021.

The City of Alachua has no transmission system to maintain. The City trims approximately 62 miles of overhead primary distribution system on a three year cycle. The City trims approximately 30% each year. GIS mapping system is utilized to track trimming annually and to budget annual trimming projects.