

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

1. Introduction

b) Name of city/utility

City of Bartow

c) Address, street, city, zip

450 North Wilson Avenue, Bartow, FL 33830

d) Contact information: Name, title, phone, fax, email

Roger Murphy
Assistant Director of Electric Utilities
Phone: (863) 534-0142, Fax (863) 534-7196
Email: rmurphy.electric@cityofbartow.net

2. Number of meters served in calendar year 2024

13,199

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.

In 2008 the City of Bartow developed a plan to inspect our facilities based on an eight-year cycle. We chose to elicit the help of a contractor to perform pole inspections on a percentage of our utility system. Each year said contractor will receive a grouping of facilities based on the City's facility database. All facilities initially receive a visual inspection with notes made of any problems discovered. Tests are also done to identify shell rot and insect infestation. The facilities are then excavated to a depth of 18 inches while measurements are made to determine the strength remaining. All facilities passing inspection are treated with a life extending process and reported so. Any facilities not meeting criteria are noted in the report for further action. In 2016 the City began round two of our eight-year pole inspection cycle and elected to perform pole inspections every other year for the years to follow. Pole inspections were completed in 2018 and 2020 with 2020 being the last year of inspections. At the end of 2020 and beginning of 2021 Bartow decided to use a contractor to replace poles

to help get caught up on the number of reject poles found during previous inspections. Said contractor replaced 71 poles during this timeframe. In 2024 Bartow again elected to use a contractor to replace additional poles to help with our back log. Said contractor replaced 54 poles during this timeframe.

Beginning in 2025 Bartow plans to get caught up on poles inspections by inspecting approximately 2500 poles. We plan to continue poles inspections each year following.

In addition to pole inspection, the City completes distribution line inspections (a.k.a. system rides) each year. Our system rides are performed by an in-house employee. Any issues that are found are turned in and work orders are created. Repairs are then completed by our line crews.

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

The City did not plan or complete any pole inspections for the 2024 calendar year.

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

No inspections were completed in 2024.

- 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.**

No inspections were completed in 2024, however, due to our back log of failed poles, we replaced 54 poles by use of contractor in 2024. Please see the attached spreadsheet listing pole type, class, and remediation method.

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.**

Bartow has recently switched our tree trimming contract from hourly to per mile. This change along with an increased trimming budget has allowed Bartow to go from a 4-year trim cycle to nearly a 3-year trim cycle which would be our goal. We trim our distribution lines at a 10 to 15-foot horizontal and vertical clearance depending on the situation and type of vegetation. We have a licensed arborist on staff and currently use such practices as basal

bark treatment, foliage treatment, cut-stump treatment, & herbicide application along with our regular trimming. We remove problem trees when deemed necessary by our crews or when the history of the tree reveals problems. Our reliability analysis indicates that our vegetation management practices are effective.

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

We feel that a 3-year trim cycle is more effective than the previous 4-year trim cycle for reliability purposes. We are currently contracting additional line clearance personnel to get us to our goal of a 3-year cycle. This along with other vegetation management practices mentioned in 4a are and will be effective in offering great reliability to our customers for now and for years to come.

City of Bartow Pole Remediation Report

Contractor Replaced Poles 2024

Line Item	Facility ID	Pole Length/Class	Pole Type	Remediation
1	1645	45-4	Southern Pine	Replaced
2	8742	45-4	Southern Pine	Replaced
3	8657	50-3	Southern Pine	Replaced
4	8658	45-4	Southern Pine	Replaced
5	1108	40-5	Southern Pine	Replaced
6	9487	45-4	Southern Pine	Replaced
7	9270	35-5	Southern Pine	Replaced
8	1181	45-4	Southern Pine	Replaced
9	9471	45-4	Southern Pine	Replaced
10	9409	50-3	Southern Pine	Replaced
11	1132	40-5	Southern Pine	Replaced
12	2579	45-4	Southern Pine	Replaced
13	1597	45-4	Southern Pine	Replaced
14	3945	45-4	Southern Pine	Replaced
15	1486	45-4	Southern Pine	Replaced
16	3967	45-4	Southern Pine	Replaced
17	4397	45-4	Southern Pine	Replaced
18	4498	45-4	Southern Pine	Replaced
19	4491	45-4	Southern Pine	Replaced
20	4189	45-4	Southern Pine	Replaced
21	4208	45-4	Southern Pine	Replaced
22	199	45-4	Southern Pine	Replaced
23	2653	45-4	Southern Pine	Replaced
24	3323	45-4	Southern Pine	Replaced
25	4243	45-4	Southern Pine	Replaced
26	39	45-4	Southern Pine	Replaced
27	3244	45-4	Southern Pine	Replaced
28	3513	45-4	Southern Pine	Replaced
29	28	40-5	Southern Pine	Replaced
30	10265	45-4	Southern Pine	Replaced
31	10260	45-4	Southern Pine	Replaced
32	10241	45-4	Southern Pine	Replaced
33	10255	45-4	Southern Pine	Replaced
34	10291	45-4	Southern Pine	Replaced
35	10078	45-4	Southern Pine	Replaced
36	100611	45-4	Southern Pine	Replaced
37	10065	45-4	Southern Pine	Replaced
38	8228	45-4	Southern Pine	Replaced
39	10280	45-4	Southern Pine	Replaced
40	8334	45-4	Southern Pine	Replaced

41	10017	45-4	Southern Pine	Replaced
42	10019	45-4	Southern Pine	Replaced
43	10014	45-4	Southern Pine	Replaced
44	10015	45-4	Southern Pine	Replaced
45	11129	45-4	Southern Pine	Replaced
46	11220	45-4	Southern Pine	Replaced
47	12958	40-5	Southern Pine	Replaced
48	2320	40-5	Southern Pine	Replaced
49	12945	40-5	Southern Pine	Replaced
50	12946	40-5	Southern Pine	Replaced
51	12947	40-5	Southern Pine	Replaced
52	12949	40-5	Southern Pine	Replaced
53	12950	40-5	Southern Pine	Replaced
54	12948	45-4	Southern Pine	Replaced