

**City of Bartow**  
**Report to the Florida Public Service Commission Pursuant to**  
**Rule 25-6.0343, F.A.C.**  
**Calendar Year 2023**

**1) Introduction**

**a) Name of city/utility**

City of Bartow

**b) Address, street, city, zip**

450 North Wilson Avenue, Bartow, FL 33830

**c) 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](mailto:rmurphy.electric@cityofbartow.net)

**2) Number of meters served in calendar year 2023**

12,717

**3) Standards of Construction**

**a) National Electric Safety Code Compliance**

Construction standards, policies, guidelines, practices, and procedures at the City of Bartow currently comply with the National Electric Safety Code (NESC). New construction or replacements are built to comply with the 2023 edition of the NESC. Facilities constructed prior to the 2023 edition of the NESC were built to comply with prior editions of the NESC.

**b) Extreme Wind Loading Standards**

Construction standards, policies, guidelines, practices, and procedures at the City of Bartow are currently guided by the extreme wind loading standards as specified in the 2023 edition of the NESC for new construction. The City of Bartow lies within the 100-110 mph region. Wind loading standards for this region were included in the City's Electric Distribution Standards.

**c) Flooding and Storm Surges**

We are not located in a coastal area. Flooding and Storm surges do not apply to the City of Bartow.

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

Placement or replacement of electric facilities are determined by the City's Electric Distribution Standards, policies, guidelines, practices, and procedures at the City of Bartow. This provides safe and efficient access for installation and maintenance of facilities. All facilities are installed so that they are accessible by crew members and vehicles to ensure proper maintenance is performed as efficient and safe as possible. We decide 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.

**e) Attachments by Others**

Currently, we have attachment agreements with the local telephone, cable, and fiber providers. These agreements require that any new attachments or changes to existing attachments be designed and executed per the NESC code in force at the time the attachment is made. We follow up the attachments with quarterly inspections required by the PSC and make corrections as necessary.

**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.**

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 the 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.

**b) Describe the number and percentage of transmission and distribution inspections planned and completed for 2023.**

As mentioned in the latter part of 4a, the City did not plan or complete any pole inspections for the 2023 calendar year.

- c) **Describe the number and percentage of transmission poles and structures and distribution poles failing inspection in 2023 and the reason for the failure.**

No inspections were completed in 2023.

- 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 2023, including a description of the remediation taken.**

Please see the attached spreadsheet listing pole type, class, and remediation method.

## 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.**

We are currently on a 5 - year tree trimming cycle. We trim out our distribution at a 6 to 10-foot 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 2023.**

We feel that a 5 - year trimming cycle is effective for reliability purposes. We are currently contracting additional line clearance personnel to keep us on a 5 - year cycle. This along with other vegetation management practices mentioned in 5a are and will be effective in offering great reliability to our customers for now and for years to come. We participate in vegetation management workshops and use the information to continually improve our vegetation and tree management practices.

## 6. **Storm Hardening Research**

The City of Bartow 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.1, or [azubaly@flpublicpower.com](mailto:azubaly@flpublicpower.com).

# City of Bartow Pole Remediation Report

## Poles Replaced - Calendar Year 2021 - 2023

Facility ID	Pole Length/Class	Pole Type	Remediation
NN	30-5	Southern Pine	Replaced
NN	30-5	Southern Pine	Replaced
NN	30-5	Southern Pine	Replaced
9823	30-5	Southern Pine	Replaced
7590	30-5	Southern Pine	Replaced
7978	30-5	Southern Pine	Replaced
12625	30-5	Southern Pine	Replaced
NN	30-5	Southern Pine	Replaced
NN	30-5	Southern Pine	Replaced
NN	30-5	Southern Pine	Replaced
7609	30-5	Southern Pine	Replaced
7610	30-5	Southern Pine	Replaced
9726	30-5	Southern Pine	Replaced
9727	30-5	Southern Pine	Replaced
3481	30-5	Southern Pine	Replaced
5008	30-5	Southern Pine	Replaced
8041	30-5	Southern Pine	Replaced
8163	30-5	Southern Pine	Replaced
11278	30-5	Southern Pine	Replaced
11680	30-5	Southern Pine	Replaced
3486	30-5	Southern Pine	Replaced
4307	30-5	Southern Pine	Replaced
11391	30-5	Southern Pine	Replaced
8756	30-5	Southern Pine	Replaced
23261	30-5	Southern Pine	Replaced
20050	30-5	Southern Pine	Replaced
23185	30-5	Southern Pine	Replaced
12737	30-5	Southern Pine	Replaced
12204	30-5	Southern Pine	Replaced
12508	30-5	Southern Pine	Replaced
5003	30-5	Southern Pine	Replaced
12606	30-5	Southern Pine	Replaced
3419	30-5	Southern Pine	Replaced
3305	30-5	Southern Pine	Replaced
9062	30-5	Southern Pine	Replaced
12190	30-5	Southern Pine	Replaced
12105	30-5	Southern Pine	Replaced
624	30-5	Southern Pine	Replaced
7494	30-5	Southern Pine	Replaced
7497	30-5	Southern Pine	Replaced

12275	30-5	Southern Pine	Replaced
6587	30-5	Southern Pine	Replaced
6502	30-5	Southern Pine	Replaced
5489	30-5	Southern Pine	Replaced
5486	30-5	Southern Pine	Replaced
4695	30-5	Southern Pine	Replaced
23135	30-5	Southern Pine	Replaced
NN	35-5	Southern Pine	Replaced
4884	35-5	Southern Pine	Replaced
9185	35-5	Southern Pine	Replaced
NN	35-5	Southern Pine	Replaced
NN	35-5	Southern Pine	Replaced
6092	35-5	Southern Pine	Replaced
7011	35-5	Southern Pine	Replaced
11194	35-5	Southern Pine	Replaced
4514	35-5	Southern Pine	Replaced
NN	35-5	Southern Pine	Replaced
11279	35-5	Southern Pine	Replaced
23147	35-5	Southern Pine	Replaced
23260	35-5	Southern Pine	Replaced
6386	35-5	Southern Pine	Replaced
10213	35-5	Southern Pine	Replaced
12253	35-5	Southern Pine	Replaced
12705	35-5	Southern Pine	Replaced
10049	35-5	Southern Pine	Replaced
3732	35-5	Southern Pine	Replaced
3817	35-5	Southern Pine	Replaced
9590	35-5	Southern Pine	Replaced
5420	35-5	Southern Pine	Replaced
3721	35-5	Southern Pine	Replaced
22127	35-5	Southern Pine	Replaced
7028	35-5	Southern Pine	Replaced
4311	35-5	Southern Pine	Replaced
7755	35-5	Southern Pine	Replaced
8105	35-5	Southern Pine	Replaced
7252	35-5	Southern Pine	Replaced
7864	35-5	Southern Pine	Replaced
9439	35-5	Southern Pine	Replaced
404	35-5	Southern Pine	Replaced
7716	35-5	Southern Pine	Replaced
12184	35-5	Southern Pine	Replaced
12254	35-5	Southern Pine	Replaced
11069	35-5	Southern Pine	Replaced
10972	35-5	Southern Pine	Replaced
3798	35-5	Southern Pine	Replaced
3745	35-5	Southern Pine	Replaced

7586	35-5	Southern Pine	Replaced
8068	35-5	Southern Pine	Replaced
12988	40-5	Southern Pine	Replaced
11384	40-5	Southern Pine	Replaced
12615	40-5	Southern Pine	Replaced
888	40-5	Southern Pine	Replaced
4407	40-5	Southern Pine	Replaced
5210	40-5	Southern Pine	Replaced
11781	40-5	Southern Pine	Replaced
8837	40-5	Southern Pine	Replaced
11701	40-5	Southern Pine	Replaced
11702	40-5	Southern Pine	Replaced
11611	40-5	Southern Pine	Replaced
211	40-5	Southern Pine	Replaced
2730	40-5	Southern Pine	Replaced
3269	40-5	Southern Pine	Replaced
3102	40-5	Southern Pine	Replaced
3190	40-5	Southern Pine	Replaced
9165	40-5	Southern Pine	Replaced
887	40-5	Southern Pine	Replaced
1280	40-5	Southern Pine	Replaced
10165	40-5	Southern Pine	Replaced
3113	40-5	Southern Pine	Replaced
232	40-5	Southern Pine	Replaced
1133	40-5	Southern Pine	Replaced
3114	40-5	Southern Pine	Replaced
3194	40-5	Southern Pine	Replaced
7050	40-5	Southern Pine	Replaced
12210	40-5	Southern Pine	Replaced
7730	40-5	Southern Pine	Replaced
7725	40-5	Southern Pine	Replaced
3192	40-5	Southern Pine	Replaced
22000	40-5	Southern Pine	Replaced
8115	40-5	Southern Pine	Replaced
6180	40-5	Southern Pine	Replaced
6139	40-5	Southern Pine	Replaced
6129	40-5	Southern Pine	Replaced
6128	40-5	Southern Pine	Replaced
12752	40-5	Southern Pine	Replaced
12751	40-5	Southern Pine	Replaced
2035	40-5	Southern Pine	Replaced
12610	40-5	Southern Pine	Replaced
1890	40-5	Southern Pine	Replaced
3166	40-5	Southern Pine	Replaced
3159	40-5	Southern Pine	Replaced

8906	40-5	Southern Pine	Replaced
6218	40-5	Southern Pine	Replaced
6219	40-5	Southern Pine	Replaced
6215	40-5	Southern Pine	Replaced
6206	40-5	Southern Pine	Replaced
2780	40-5	Southern Pine	Replaced
6213	40-5	Southern Pine	Replaced
12413	40-5	Southern Pine	Replaced
7075	40-5	Southern Pine	Replaced
9154	40-5	Southern Pine	Replaced
7053	40-5	Southern Pine	Replaced
7135	40-5	Southern Pine	Replaced
1448	40-5	Southern Pine	Replaced
7736	40-5	Southern Pine	Replaced
2033	40-5	Southern Pine	Replaced
1455	40-5	Southern Pine	Replaced
2746	40-5	Southern Pine	Replaced
11249	40-5	Southern Pine	Replaced
22118	40-5	Southern Pine	Replaced
5921	40-5	Southern Pine	Replaced
768	40-5	Southern Pine	Replaced
1470	40-5	Southern Pine	Replaced
9673	40-5	Southern Pine	Replaced
4881	40-5	Southern Pine	Replaced
9592	40-5	Southern Pine	Replaced
3583	40-5	Southern Pine	Replaced
7172	40-5	Southern Pine	Replaced
6702	40-5	Southern Pine	Replaced
3771	40-5	Southern Pine	Replaced
12134	40-5	Southern Pine	Replaced
12596	40-5	Southern Pine	Replaced
12059	40-5	Southern Pine	Replaced
10902	40-5	Southern Pine	Replaced
10339	40-5	Southern Pine	Replaced
8946	40-5	Southern Pine	Replaced
8216	40-5	Southern Pine	Replaced
763	40-5	Southern Pine	Replaced
6353	40-5	Southern Pine	Replaced
8146	40-5	Southern Pine	Replaced
9267	40-5	Southern Pine	Replaced
11452	40-5	Southern Pine	Replaced
8009	40-5	Southern Pine	Replaced
12580	40-5	Southern Pine	Replaced
11251	40-5	Southern Pine	Replaced
NN	40-5	Southern Pine	Replaced

10745	40-5	Southern Pine	Replaced
10763	40-5	Southern Pine	Replaced
1832	40-5	Southern Pine	Replaced
5941	40-5	Southern Pine	Replaced
1501	40-5	Southern Pine	Replaced
1945	40-5	Southern Pine	Replaced
12557	40-5	Southern Pine	Replaced
12559	40-5	Southern Pine	Replaced
4316	40-5	Southern Pine	Replaced
3406	40-5	Southern Pine	Replaced
319	40-5	Southern Pine	Replaced
5167	40-5	Southern Pine	Replaced
5102	40-5	Southern Pine	Replaced
11699	40-5	Southern Pine	Replaced
3104	40-5	Southern Pine	Replaced
167	40-5	Southern Pine	Replaced
3869	40-5	Southern Pine	Replaced
2310	40-5	Southern Pine	Replaced
4364	40-5	Southern Pine	Replaced
3974	40-5	Southern Pine	Replaced
1857	40-5	Southern Pine	Replaced
6264	40-5	Southern Pine	Replaced
1941	40-5	Southern Pine	Replaced
10941	40-5	Southern Pine	Replaced
10958	40-5	Southern Pine	Replaced
11392	40-5	Southern Pine	Replaced
2076	40-5	Southern Pine	Replaced
18003	40-5	Southern Pine	Replaced
687	40-5	Southern Pine	Replaced
11269	40-5	Southern Pine	Replaced
11085	40-5	Southern Pine	Replaced
11097	40-5	Southern Pine	Replaced
1616	40-5	Southern Pine	Replaced
18096	40-5	Southern Pine	Replaced
11092	40-5	Southern Pine	Replaced
11084	40-5	Southern Pine	Replaced
1262	40-5	Southern Pine	Replaced
7230	40-5	Southern Pine	Replaced
7208	40-5	Southern Pine	Replaced
5414	40-5	Southern Pine	Replaced
6769	40-5	Southern Pine	Replaced
12335	40-5	Southern Pine	Replaced
103	40-5	Southern Pine	Replaced
7056	40-5	Southern Pine	Replaced
7054	40-5	Southern Pine	Replaced
645	40-5	Southern Pine	Replaced
3124	40-5	Southern Pine	Replaced



817	40-5	Southern Pine	Replaced
3524	40-5	Southern Pine	Replaced
4295	40-5	Southern Pine	Replaced
1803	40-5	Southern Pine	Replaced
3351	40-5	Southern Pine	Replaced
6881	45-3	Concrete	Replaced
6400	45-3	Concrete	Replaced
9049	45-4	Southern Pine	Replaced
11712	45-4	Southern Pine	Replaced
11691	45-4	Southern Pine	Replaced
11240	45-4	Southern Pine	Replaced
11324	45-4	Southern Pine	Replaced
10993	45-4	Southern Pine	Replaced
2305	45-4	Southern Pine	Replaced
2163	45-4	Southern Pine	Replaced
1211	45-4	Southern Pine	Replaced
8890	45-4	Southern Pine	Replaced
8390	45-4	Southern Pine	Replaced
8318	45-4	Southern Pine	Replaced
8266	45-4	Southern Pine	Replaced
2424	45-4	Southern Pine	Replaced
9891	45-4	Southern Pine	Replaced
1241	45-4	Southern Pine	Replaced
8306	45-4	Southern Pine	Replaced
10171	45-4	Southern Pine	Replaced
10023	45-4	Southern Pine	Replaced
10020	45-4	Southern Pine	Replaced
10021	45-4	Southern Pine	Replaced
8832	45-4	Southern Pine	Replaced
8473	45-4	Southern Pine	Replaced
10034	45-4	Southern Pine	Replaced
1238	45-4	Southern Pine	Replaced
8471	45-4	Southern Pine	Replaced
10027	45-4	Southern Pine	Replaced
10026	45-4	Southern Pine	Replaced
10025	45-4	Southern Pine	Replaced
7754	45-4	Southern Pine	Replaced
8065	45-4	Southern Pine	Replaced
9569	45-4	Southern Pine	Replaced
3961	45-4	Southern Pine	Replaced
3986	45-4	Southern Pine	Replaced
4079	45-4	Southern Pine	Replaced
4149	45-4	Southern Pine	Replaced
3853	45-4	Southern Pine	Replaced
3865	45-4	Southern Pine	Replaced

97	45-4	Southern Pine	Replaced
2330	45-4	Southern Pine	Replaced
9689	45-4	Southern Pine	Replaced
81	45-4	Southern Pine	Replaced
3735	45-4	Southern Pine	Replaced
89	45-4	Southern Pine	Replaced
3842	45-4	Southern Pine	Replaced
11482	45-4	Southern Pine	Replaced
2105	45-4	Southern Pine	Replaced
12696	45-4	Southern Pine	Replaced
4733	45-4	Southern Pine	Replaced
12837	45-4	Southern Pine	Replaced
7068	45-4	Southern Pine	Replaced
6200	45-4	Southern Pine	Replaced
10024	45-4	Southern Pine	Replaced
12717	45-4	Southern Pine	Replaced
6537	45-4	Southern Pine	Replaced
10700	45-4	Southern Pine	Replaced
4711	45-4	Southern Pine	Replaced
10457	45-4	Southern Pine	Replaced
970	45-4	Southern Pine	Replaced
6458	45-4	Southern Pine	Replaced
10009	45-4	Southern Pine	Replaced
10003	45-4	Southern Pine	Replaced
10002	45-4	Southern Pine	Replaced
10010	45-4	Southern Pine	Replaced
10012	45-4	Southern Pine	Replaced
4916	45-4	Southern Pine	Replaced
10768	45-4	Southern Pine	Replaced
6175	45-4	Southern Pine	Replaced
6150	45-4	Southern Pine	Replaced
865	45-4	Southern Pine	Replaced
22128	45-4	Southern Pine	Replaced
22129	45-4	Southern Pine	Replaced
7331	45-4	Southern Pine	Replaced
7332	45-4	Southern Pine	Replaced
5868	45-4	Southern Pine	Replaced
12396	45-4	Southern Pine	Replaced
11435	45-4	Southern Pine	Replaced
11428	45-4	Southern Pine	Replaced
11248	45-4	Southern Pine	Replaced
11690	45-4	Southern Pine	Replaced
166	45-4	Southern Pine	Replaced
7506	45-4	Southern Pine	Replaced
959	45-4	Southern Pine	Replaced
3401	45-4	Southern Pine	Replaced
10069	45-4	Southern Pine	Replaced

10001	45-4	Southern Pine	Replaced
11160	45-4	Southern Pine	Replaced
12395	45-4	Southern Pine	Replaced
7758	45-4	Southern Pine	Replaced
7282	45-4	Southern Pine	Replaced
12622	45-4	Southern Pine	Replaced
12621	45-4	Southern Pine	Replaced
10593	45-4	Southern Pine	Replaced
10283	45-4	Southern Pine	Replaced
635	45-4	Southern Pine	Replaced
1176	45-4	Southern Pine	Replaced
11224	45-4	Southern Pine	Replaced
5415	45-4	Southern Pine	Replaced
12245	50-3	Southern Pine	Replaced
10550	50-3	Southern Pine	Replaced
11667	50-3	Southern Pine	Replaced
5103	50-3	Southern Pine	Replaced
132	50-3	Southern Pine	Replaced
2339	50-3	Southern Pine	Replaced
1444	50-3	Southern Pine	Replaced
4701	50-3	Southern Pine	Replaced
4759	50-3	Southern Pine	Replaced
4674	50-3	Southern Pine	Replaced
4760	50-3	Southern Pine	Replaced
4714	50-3	Southern Pine	Replaced
4651	50-3	Southern Pine	Replaced
4697	50-3	Southern Pine	Replaced
8723	50-3	Southern Pine	Replaced
528	50-3	Southern Pine	Replaced
7267	50-3	Southern Pine	Replaced
221	50-3	Southern Pine	Replaced
228	50-3	Southern Pine	Replaced
4234	50-3	Southern Pine	Replaced
4406	50-3	Southern Pine	Replaced
2401	50-3	Southern Pine	Replaced
3485	50-3	Southern Pine	Replaced
4984	50-3	Southern Pine	Replaced
12883	50-3	Southern Pine	Replaced
12880	50-3	Southern Pine	Replaced
9443	50-3	Southern Pine	Replaced
12620	50-3	Southern Pine	Replaced
9465	50-3	Southern Pine	Replaced
8236	50-3	Southern Pine	Replaced