

**Utilities Commission, City of New Smyrna Beach
Report to the Florida Public Service Commission Pursuant to
Rule 25-6.0343, F.A.C.
Calendar Year 2021**

1. Introduction

- a) Utilities Commission, City of New Smyrna Beach (UCNSB)
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2. Number of meters served in calendar year 2021

The Utilities Commission, City of New Smyrna Beach (UCNSB) served an average of 30,360 customers during 2021 calendar year.

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 UCNSB contracts with Osmose Utilities Services to inspect all transmission and distribution poles and structures as part of an eight-year inspection program. The UCNSB has approximately 12,000 electric distribution poles and 420 transmission poles.

In addition, transmission, distribution and substation facilities are inspected as part of our regular inspection and maintenance programs. Deficiencies are recorded and corrective maintenance plans are scheduled for repair or replacement of defective items.

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

Transmission Poles

Osmose Utility Services Inspections of all UCNSB transmission poles were completed in 2012 & 2017. No inspections of transmission poles were planned for 2021. The next inspection cycle starts in 2022.

Distribution Poles

In 2021, the annual Osmose Utility Services inspection planned and completed was 1,500 distribution poles or approximately 8% of the UCNSB electric distribution poles.

- c) **Describe the number and percentage of transmission poles and structures and distribution poles failing inspection in 2021 and the reason for the failure.**

Transmission Poles

None

Distribution Poles

In 2021, the UCNSB Osmose inspected 1500 distribution poles. This constitutes 8% of all UCNSB electric distribution poles. Inspection results for 1,500 poles in 2021 were as follows:

- 1,444 poles had no decay (96% of poles inspected)
- 47 poles had decay but were serviceable (3.1% of poles inspected)
- 9 poles were rejected poles with groundline & above ground decay (0.6% of poles inspected)

- 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 2021, including a description of the remediation taken.**

Transmission Poles - None

Distribution Poles (including backlog)

Number of Poles	Pole Size (ft)	Pole Class	Remediation Action
7	30	4	Replacement
6	30	5	Replacement
7	30	6	Replacement
1	35	3	Replacement
41	35	4	Replacement
20	35	5	Replacement
1	35	6	Replacement
2	40	2	Replacement
4	40	3	Replacement
104	40	4	Replacement
17	40	5	Replacement
2	45	2	Replacement
5	45	3	Replacement
11	45	4	Replacement
19	50	2	Replacement
5	50	3	Replacement
11	55	2	Replacement
2	55	3	Replacement
1	60	2	Replacement
3	60	3	Replacement

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.**

In 2021, the UCNSB transitioned its tree trimming program to a three-year cycle programmatic power line clearing plan for all of our distribution overhead facilities (mains and laterals). The program includes professional trimming, clear cutting of Right of Way (ROW)/Easements and removing trees and other vegetation which is near energized distribution power lines.

In 2022, the UCNSB transmission lines, right of ways and easements have also been put on a three-year, programmatic schedule similar to the distribution line program.

The new UCNSB vegetation management programs are consistent with electric utility industry vegetation management best practices.

b) Describe the quantity, level, and scope of vegetation management planned and completed for transmission and distribution facilities in 2021.

In 2021, the UCNSB vegetation management contract crews completed trimming and clearing for 126.03 line miles of UCNSB distribution lines. In addition, 110 trees were physically removed as they impacted the reliability of the lines being trimmed. Clearing and trimming of 126.03 line miles constitutes approximately 55% of the UCNSB overhead distribution lines.

In August 2021, the UCNSB implemented its new transmission line vegetation management program. The UCNSB vegetation management contract crews completed 8.36 miles of trimming and 5 miles of ROW Mowing.