

**Utilities Commission, City of New Smyrna Beach, DBA New Smyrna Beach Utilities
Report to the Florida Public Service Commission Pursuant to
Rule 25-6.0343, F.A.C.
Calendar Year 2025**

1. Introduction

- a) Utilities Commission, City of New Smyrna Beach,
DBA New Smyrna Beach Utilities (NSBU)
- b) 200 Canal Street, New Smyrna Beach, FL 32168
- c) Contact information:

Julie A. Couillard, PE
Director – Engineering and Information Technology
Office: 386-424-3019
Cell: 386-566-3231
jcouillard@nsbufl.com

2. Number of meters served in calendar year 2025

New Smyrna Beach Utilities served 32,295 customer meters as of month-end December 2025.

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 NSBU contracts with Osmose Utilities Services, Inc. (Osmose) to inspect all transmission and distribution poles and structures as part of an eight (8) year inspection program. The NSBU has 11,290 electric distribution poles and 299 transmission poles. The NSBU service territory is divided into eight (8) sections. Each section has been assigned an inspection year to maintain a consistent eight (year) inspection plan.

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

b) Describe the number and percentage of transmission and distribution inspections planned and completed for 2025.

Infrared Distribution Line Inspections – Annual PM Program

In 2025, NSBU contracted with Brady Infrared Inspections, Inc. to complete an infrared survey of its entire service territory (~230 line miles). The infrared survey provided thermal patterns detected in NSBU electrical and mechanical distribution equipment. Thermal scanning was conducted using a FLIR ThermaCam P65 long-wave radiometric thermal camera. From the survey results, twenty-nine (29) thermal exceptions were identified requiring repairs/replacement. All twenty-nine (29) items were repaired in 2025.

Infrared Substation Inspections – Annual PM Program

In 2025, NSBU contracted with Brady Infrared Inspections, Inc. to complete an infrared survey of all four (4) of NSBU's substations and related infrastructure and equipment. The infrared survey provided thermal patterns detected in NSBU electrical and mechanical distribution equipment. Thermal scanning was conducted using a FLIR ThermaCam P65 long-wave radiometric thermal camera. From the survey results, two (2) thermal exceptions were identified requiring repairs/replacement. Both were repaired in 2025.

Wood Pole Inspection and Maintenance Program – 8 Year Cycle

NSBU's distribution pole inspection, remediation and maintenance program is an 8-year cyclical Program. The pole inspection program includes inspection, treatment and identification of poles requiring repair or replacement. The NSBU's pole inspection, remediation and maintenance program is conducted in accordance with industry standard practices, RUS Bulletin 1730B-121, Florida Statutes Section 364.15 and NESC Rule 214.A.2.

Transmission Wood Pole Inspections

Due to the limited number of transmission poles on the NSBU system, there were zero transmission poles in the inspections area. There were zero pole inspections planned for calendar year 2025 as all transmission poles were inspected in calendar years 2023 and 2024.

Distribution Wood Pole Inspections

In 2025, the annual distribution pole inspections were planned and completed 1,630 distribution poles or 15.4% of the NSBU electric distribution poles.

c) Describe the number and percentage of transmission poles and structures and distribution poles failing inspection in 2025 and the reason for the failure.

Transmission Poles

Due to the limited number of transmission poles on the NSBU system, there were zero transmission pole inspections planned for calendar year 2025 as all transmission poles were inspected in calendar years 2023 and 2024.

Distribution Poles

In 2025, 1,630 distribution poles were inspected. This constitutes 15.4% of all NSBU electric distribution poles. Inspection results for 1,630 poles in 2025 were as follows:

- 1,574 poles had no decay (95.6% of poles inspected)
- 23 poles had decay but were serviceable (1.4% of poles inspected)
- 33 poles were rejected poles with groundline & above ground decay (2.0% 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 2025, including a description of the remediation taken.

Pole replacements and serviceable repair recommendations are currently under review and being prioritized and planned for completion in calendar year 2026.

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

transmission and distribution power lines. Additionally, the NSBU performs mid-cycle or spot trimming of known high growth areas.

The NSBU vegetation management program is following industry standard vegetation management practices and procedures (ASNI A300(Part 1)-2001, ANSI Z133.1-2000, NESC Rule 218 and NERC Standard FAC-002-2), as applicable to the weather, vegetation species and growth patterns in New Smyrna Beach, Florida. The vegetation management programs NBSU is employing is consistent with electric utility industry vegetation management best practices.

In calendar year 2022, the NSBU transmission lines, rights-of-way and easements were also put on a three-year, programmatic schedule similar to the distribution line program.

b) Describe the quantity, level, and scope of vegetation management planned and completed for transmission and distribution facilities in 2025.

As part of its three-year cycle of planned vegetation management activities, in calendar year 2025 the NSBU vegetation management contract crews completed trimming and clearing for 60.91 line miles (26.5% of total line miles) of NSBU distribution lines along with selective mid-cycle trimming. Across calendar years 2022-23, the NSBU completed 100% of trimming, clearing and mowing along its overhead transmission lines, right-of-ways and easements. All transmission corridor mowing and encroachment trimming was completed in 2025 (100%).