

This filing is submitted in response to Commission Rule 25-6.0343 Municipal Electric Utility and Rural Electric Cooperative Reporting Requirements on behalf of Reedy Creek Improvement District. The electronic file is in Adobe Acrobat format and is a total of 4 pages in length. The report responds to each of the required subsections of the previously stated rule.

Respectfully,

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# **Reedy Creek Improvement District Report to the Florida Public Service Commission Pursuant to Rule 25-6.0343, F.A.C. Calendar Year 2017**

## **1) Introduction**

- a) Reedy Creek Improvement District
- b) 1900 Hotel Plaza Blvd., Lake Buena Vista, FL 32830
- c) John H. Classe, Jr., District Administrator, 407-934-7480, Fax: 407-934-6200, [jclasse@rcid.org](mailto:jclasse@rcid.org)
- d) For information regarding this submission please contact Steve Luttrell, Manager, Electric Operations, Reedy Creek Energy Services, 407-824-6441, Fax 407-824-6907, [steve.luttrell@disney.com](mailto:steve.luttrell@disney.com).

## **2) Number of customers served in calendar year 2017**

Reedy Creek Improvement District had 1,477 electric customers in 2017.

## **3) Standards of Construction**

- a) National Electric Safety Code Compliance

Construction standards, policies, guidelines, practices, and procedures at the Reedy Creek Improvement District (the “District”) comply with the National Electrical Safety Code (ANSI C-2) [NESC]. For electrical facilities constructed on or after February 1, 2007, the 2007 NESC applies. Electrical facilities constructed prior to February 1, 2007, are governed by the edition of the NESC in effect at the time of the facility’s initial construction.

- b) Extreme Wind Loading Standards

Construction standards, policies, guidelines, practices, and procedures at the Reedy Creek Improvement District are guided by the extreme wind loading standards specified by <http://windspeed.atcouncil.org> as recommended by the 2018 NESC for 1) new construction; 2) major planned work, including expansion, rebuild, or relocation of existing facilities, assigned on or after December 10, 2006; and 3) targeted critical infrastructure facilities and major thoroughfares. The District is primarily an underground utility by standard design with less than 2 miles of overhead distribution lines and approximately 296 total miles of distribution lines.

c) Flooding and Storm Surges

Electrical construction standards, policies, guidelines, practices, and procedures at the Reedy Creek Improvement District address the effects of flooding on underground distribution facilities and supporting overhead facilities. Storm surges do not apply to the District as it is located in Central Florida 60 miles away from the nearest coastal areas. The District has no underground vault switchgear.

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

Electrical construction standards, policies, guidelines, practices, and procedures at the Reedy Creek Improvement District provide for placement of new and replacement distribution facilities so as to facilitate safe and efficient access for installation and maintenance. Wherever new facilities are placed (i.e., front, back or side of property), all facilities are installed so that the District's facilities are accessible by its crews and vehicles to ensure proper maintenance/repair is performed as expeditiously and safely as possible. The District decides 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

The Reedy Creek Improvement District does not have any foreign attachments on its facilities.

#### 4) Facility Inspections

The Reedy Creek Improvement District's 69kV "transmission system" (Note: For the purposes of this report, transmission is defined as 69kV and distribution is defined as 12.5kV. RCID is not a Transmission Owner or Transmission Operator as defined by NERC.) has no wooden poles in service. All 69kV "transmission system" poles are constructed of concrete or steel. The system includes approximately 14 miles of overhead transmission right-of-ways. The District's 12.5kV "distribution system" is essentially an underground system with a very limited amount of overhead. The overhead distribution includes only 19 wood poles with the remainder of the distribution overhead on concrete or steel poles.

- a) The District's overhead transmission system is ridden monthly by Utility Division personnel for the purpose of performing a basic visual inspection of the condition of the poles, lines and right-of-ways. Distribution wood poles are inspected every 8 years.
- b) All distribution wood poles were inspected and treated by an outside contractor in 2013.
- c) All distribution poles passed inspection.
- d) Based on the 2013 condition assessment and the lack of any wood transmission poles, the periodicity of wood pole inspections was increased to 8 years.

## 5) Vegetation Management

- a) The Reedy Creek Improvement District's approximately 14 miles of overhead transmission right-of-ways are ridden monthly by Utility Division personnel for the purpose of visual inspection, including vegetation issues. The District contracts tree trimming services (as required) to clear any issues existing on District right-of-ways. The District also proactively contracts tree trimming services to perform long-term vegetation cutbacks within District right-of-ways. Limited vegetation areas exist within the District distribution system and these limited areas on the distribution system are maintained along with the transmission system program.
- b) Monthly inspections conducted in 2017 of the District's right-of-ways yielded minimal instances of vegetation encroachment upon District transmission or distribution assets. In each scenario, tree trimming services were engaged to remove any concerns. The District continues to perform long-term vegetation cutbacks within District right-of-ways to ensure all clearances remain within acceptable tolerances.

The Public Utility Research Center has held two vegetation management workshops in 2007 and 2009. Through FEMA, the Reedy Creek Improvement District has a copy of their reports and will use the information to continually improve vegetation management practices. We will participate in future best-practice workshops if there is interest.

## 6) Storm Hardening Research

Reedy Creek Improvement District 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 is providing the FPSC with a report of research activities. For further information, contact Amy Zubaly, Executive Director, FMEA, 850-224-3314, ext. 1, or [azubaly@publicpower.com](mailto:azubaly@publicpower.com).