

# **Reedy Creek Improvement District Report to the Florida Public Service Commission Pursuant to Rule 25-6.0343, F.A.C. Calendar Year 2012**

## **1) Introduction**

- a) Reedy Creek Improvement District
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- d) For information regarding this submission please contact Bernie Budnik, Manager Electric Operations, Reedy Creek Energy Services, 407-824-6441, Fax 407-824-6907, [bernie.budnik@disney.com](mailto:bernie.budnik@disney.com).

## **2) Number of customers served in calendar year 2012**

Reedy Creek Improvement District had 1,318 electric customers in 2012.

## **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 District are guided by the extreme wind loading standards specified by Figure 250-2(d) of the 2007 edition of the 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 15 miles of overhead lines and more than 275 miles of underground.

- 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 District provide for placement of new and replacement distribution facilities so as to facilitate safe and efficient access for installation and maintenance.

e) The District does not have any foreign attachments on its facilities.

#### **4. Facility Inspections**

The 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 poles are constructed of concrete or steel. The system includes approximately 15 miles of overhead transmission right-of-way. The District's 12.5kV "distribution system" is essentially an underground system with a very limited amount of overhead. The overhead distribution includes only 13 wood poles with the remainder of the distribution overhead on concrete or steel.

- 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 way. Distribution wood poles are inspected every 5 years.
- b) All distribution wood poles were inspected and treated by an outside contractor in 2008.
- c) All distribution poles passed inspection. Three wood transmission poles were identified to have excessive internal decay and classified as non-priority rejects.
- d) Based on the 2008 inspection results all remaining District wood transmission polls were replaced in fiscal year 2009. No distribution pole replacement or remediation on District poles were required based on the 2008 inspection results. Also based on the 2008 condition assessment and the lack of any wood transmission poles, the periodicity of wood pole inspections was increased to 5 years.

#### **5. Vegetation Management**

- a) The District's 15 miles of transmission right-of-ways are ridden monthly for the purpose of visual inspection including vegetation issues. The District contracts tree trimming each spring to clear any issues existing on 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) Periodic inspections conducted in 2012 of right-of-ways identified several areas in which vegetation encroachment upon District transmission or distribution assets was in the early stages. These areas were addressed utilizing trained contractors who restored the right-of-ways to acceptable conditions.

## **6. Storm Hardening Research**

RCID 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 Barry Moline, Executive Director, FMEA, 850-224-3314, ext. 1, or [bmoline@publicpower.com](mailto:bmoline@publicpower.com).

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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