

Sandra Soto

From: Sandra Soto on behalf of Records Clerk
Sent: Tuesday, February 14, 2017 4:10 PM
To: 'Beatrice Balboa'
Subject: RE: FW: ongoing significant rate increase requests by FPL

Good afternoon Ms. Balboa,

We will be placing your comments below in consumer correspondence in Docket No. 160251-EI and forwarding your comments to the Office of Consumer Assistance and Outreach.

Sincerely,

Sandra Soto
Commission Deputy Clerk I
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399
(850) 413-6010

From: Beatrice Balboa [<mailto:beatricebalboa@gmail.com>]
Sent: Tuesday, February 14, 2017 3:24 PM
To: Records Clerk
Subject: Re: FW: ongoing significant rate increase requests by FPL

Hello,

I just read that the National Electrical Safety Code (NESC) or ANSI Standard C2 has just released the 2017 edition. I was wondering when the State of Florida Public Service Commission and/or the State of Florida State government will adopt the 2017 edition of the National Electrical Safety Code (NESC) or ANSI Standard C2 to ensure that FPL and other public electric utilities are current with periodic inspections of its sub-transmission and distribution lines or to direct after-storm inspections or patrols as required by the National Electrical Safety Code to ensure that rate payers are NOT "footing the bills" for a poorly maintained, derelict, dilapidated, deteriorated and degenerated electrical infrastructure grid with an unusual propensity to fail catastrophically after any storm. Thank you for your time in this matter and hope to hear from you soon.

Sincerely,

Beatrice Balboa
1010 South Ocean Boulevard, Apt. 1008
Pompano Beach, FL 33062-6631

http://innovate.ieee.org/innovate/13125?utm_source=NESC&utm_medium=search-promotion&utm_term=nesc%20code&utm_campaign=Mainsite-search

National Electrical Safety Code[®] (NESC[®]) 2017

Produced exclusively by IEEE, the NESC specifies best practices for the safety of electric supply and communication utility systems at both public and private utilities. The NESC sets the ground rules for practical safeguarding of persons during the installation, operation, or maintenance of power, telephone, cable TV, and railroad signal systems. The NESC is revised every 5 years to keep the code up to date and viable.

The NESC Code covers basic provisions for safeguarding of persons from hazards arising from the installation, operation, or maintenance of conductors and equipment. It also includes work rules for the construction, maintenance, and operation of electric supply and communication lines and equipment. The standard is applicable to the systems and equipment operated by utilities, or similar systems and equipment, of an industrial establishment or complex under the control of qualified persons.

The NESC Handbook represents a next-generation tool for the professional who needs to understand the NESC. The handbook was developed for use at many levels in the electric and communication industries, including those involved in system design, construction, maintenance, inspection, standards development and worker training. This step-by-step guide explains how to apply and meet the NESC rules for electrical supply stations and equipment, as well as overhead and underground electric supply and communications lines. It gives users insight into what lies behind the NESC's rules and how to apply them. Unlike earlier handbooks, this new edition includes the code itself interspersed throughout the handbook, with interpretations and background information corresponding to the actual portions of code being discussed and highlighted. It includes input from numerous experts and members of the Subcommittees and Executive Committee of the NESC, as well as Allan Clapp.

The NESC Code has been continually adapted to reflect innovations in technology and new challenges confronted in the field.

Major updates to the 2017 Edition include:

Revising the purpose rule to include only the safeguarding of persons and utility facilities and clarifying the application rules.

Deleting unused definitions and adding definitions for communication and supply space.

Revising the substation impenetrable fence requirements.

Adding an exception to exempt underground cable grounding requirements from the 4 grounds in each mile rule under certain conditions.

Revising and reorganizing the guy insulator placement rules along with eliminating the voltage transfer requirements associated with them.

Requiring a 40" vertical clearance from communication cables in the communication space if a luminaire is not effectively grounded.

Deleting the conductance requirement for underground insulating jacketed grounded neutral supply cables and revising the grounding and bonding rules for supply and communication cables in random separation installations.

Revising and reorganizing the Grades of Construction Table 242-1 that will now include service drops.

Revising the strength rules to require that all conductors be considered for damage due to Aeolian vibration.

Revising the rules in Part 4 to align with changes made to 29 CFR by the Occupational Safety and Health Administration (OSHA).

Features and benefits

A subscription includes: National Electrical Safety Code 2017, 2012, 2007, and 2002, as well as Preprints. Documents delivered in PDF via the [IEEE Xplore digital library \(http://ieeexplore.ieee.org\)](http://ieeexplore.ieee.org)

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