

NOTICE OF
PROPOSED RULE AMENDMENT

- The agency identified below in box 1 provides notice of proposed rule change pursuant to Utah Code Section 63G-3-301 and Subsection 53C-1-201(3)(c).
- Please address questions regarding information on this notice to the agency.
- The full text of all rule filings is published in the Utah State Bulletin unless excluded because of space constraints.
- The full text of all rule filings may also be inspected at the Office of Administrative Rules.

Agency Information

1. Agency: Public Service Commission - Administration
 Room no.:
 Building: HEBER M WELLS BLDG
 Street address 1: 160 E 300 S
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84111-2316
 Mailing address 1: PO BOX 45585
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84111-5585

Contact person(s):

| Name: | Phone: | Fax: | E-mail: |
|----------------|--------------|--------------|------------------------|
| Sheri Bintz | 801-530-6714 | 801-530-6796 | sbintz@utah.gov |
| Michael Hammer | 801-530-6729 | | michaelhammer@utah.gov |

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Information

DAR file no: 40704 Date filed: 08/25/2016 01:01 PM
 State Admin Rule Filing Key: 157843
 Utah Admin. Code ref. (R no.): R 746 - 310 -
 Changed to Admin. Code ref. (R no.): - -

Title

2. Title of rule or section (catchline):
 Uniform Rules Governing Electricity Service by Electric Utilities

Notice Type

3. Type of notice: Amendment

Rule Purpose

4. Purpose of the rule or reason for the change:

The purpose of this proposed amendment is to update the rule in three respects: 1) update the version of the referenced National Electrical Safety Code to the 2017 edition; 2) update the version of the referenced American National Standards for Electricity Metering to the 2014 edition; and 3) update the version of the reference American National Standard for Electric Power Systems and Equipment Voltage Ratings to the 2011 edition.

Response Information

5. This change is a response to comments by the Administrative Rules Review Committee.

No

Rule Summary

6. Summary of the rule or change:

Presently, Rule R746-310 incorporates by reference the 2007 edition of the National Electrical Safety Code (NESC) and 2001 and 2006 editions of the American National Standards Institute's (ANSI) electricity industry codes. More recent versions of these codes have been adopted by their publishers. The rule presently incorporates a portion of the 2007 edition of the NESC, specifically "C2-2017", which covers basic provisions for safeguarding persons from hazards arising from the installation, operation, or maintenance of certain electric facilities and work rules for the construction, maintenance, and operation of those facilities. The 2017 version updates certain definitions, simplifies minimum approach tables and voltage exposure for arc flash, and clarifies certain engineering parameters with respect to wire attention and ungrounded portions of guys and swimming pools. With respect to the ANSI, the rule presently incorporates sections "C12.1-2001" and "C84.1-2006". The proposed change would update these to "C12.1-2014" and "C84.1-2011", respectively. The latter four digits in each section indicate the year the publisher adopted the referenced version. C12.1-2014 establishes acceptable performance criteria for new types of AC watt-hour meters, demand meters, demand registers, pulse devices, and auxiliary devices. The 2014 update contains several revisions to respond to changes in the industry, addressing performance requirements, accuracy tests, the effect of high voltage line surges, the effect of operating temperature, the effect of relative humidity, and establishing a testing schedule. C84.1-2011 establishes nominal voltage ratings and operating tolerances for 60-hertz electric power systems above 100 volts. It includes preferred voltage ratings up to and including 1,200 kV maximum system voltage, as defined in the standard. The 2011 edition updates a table to reflect changes in lighting characteristics.

Aggregate Cost Information

7. Aggregate anticipated cost or savings to:

A) State budget:

Affected: Yes

The proposed rule changes should not result in any costs to the State because the changes merely adopt modest technical revisions to standards that are already incorporated and enforced. Public Service Commission purchased two copies of each publication, and the cost is as follows: IEEE-C2-2017 - \$302, ANSI C84.1-2011 - \$176, ANSI C12.1-2014 - \$492.

B) Local government:

Affected: No

The rule applies to utilities furnishing electricity in Utah. Local governments operating utilities are already expected to operate pursuant to prudent and customary industry standards. No anticipated costs are expected.

C) Small businesses:

Affected: No

("small business" means a business employing fewer than 50 persons)

The rule applies to operators of electric utilities and no impact on small business is anticipated.

D) Persons other than small businesses, businesses, or local government entities:

Affected: No

("person" means any individual, partnership, corporation, association, governmental entity, or public or private organization of any character other than an agency)

The rule applies to utilities furnishing electricity in Utah, and no effects on persons other than utilities are anticipated.

Compliance Cost Information

8. Compliance costs for affected persons:

Compliance costs for affected persons are not expected because this rule change simply adopts prevailing standards and practices for electric utilities.

Department Head Comments

9. A) Comments by the department head on the fiscal impact the rule may have on businesses:

The proposed rule change adopts and formalizes current operating practices and requirements. Therefore, the proposed rule change will not result in any additional costs.

B) Name and title of department head commenting on the fiscal impacts:

Thad LeVar, Commission Chair

Citation Information

10. This rule change is authorized or mandated by state law, and implements or interprets the following state and federal laws.

State code or constitution citations (required) (e.g., Section 63G-3-402; Subsection 63G-3-601(3); Article IV) :

Section 54-4-1

Section 54-4-18

11. This rule adds, updates, or removes the following title of materials incorporated by reference (a copy of materials incorporated by reference must be submitted to DAR; if none, leave blank) :

Official Title of Materials Incorporated (from title page):Approved American National Standard
 Publisher:National Electrical Manufacturers Association
 Date Issued:01/17/2012
 Issue, or version:ANSI C84.1-2011
 ISBN Number:
 ISSN Number:
 Cost of Incorporated Reference:176.0
 Adds, updates, removes:Updates

Official Title of Materials Incorporated (from title page):Approved American National Standard
 Publisher:National Electrical Manufacturers Association
 Date Issued:02/01/2016
 Issue, or version:C12.1-2014
 ISBN Number:
 ISSN Number:
 Cost of Incorporated Reference:492.0
 Adds, updates, removes:Updates

Official Title of Materials Incorporated (from title page):2017 National Electrical Safety Code (NESC) C2-2017
 Publisher:IEEE Standard Association
 Date Issued:04/26/2016
 Issue, or version:C2-2017
 ISBN Number:978-1-5044-1993-2
 ISSN Number:
 Cost of Incorporated Reference:302.0
 Adds, updates, removes:Updates

Comments

12. The public may submit written or oral comments to the agency identified in box 1. (The public may also request a hearing by submitting a written request to the agency. The agency is required to hold a hearing if it receives requests from ten interested persons or from an association having not fewer than ten members. Additionally, the request must be received by the agency not more than 15 days after the publication of this rule in the Utah State Bulletin. See Section 63G-3-302 and Rule R15-1 for more information.)

A) Comments will be accepted until 5:00 p.m. on (mm/dd/yyyy) : 10/17/2016

B) A public hearing (optional) will be held:

On (mm/dd/yyyy): At (hh:mm AM/PM): At (place):

Proposed Effective Date

13. This rule change may become effective on (mm/dd/yyyy):

10/24/2016

NOTE: The date above is the date on which this rule MAY become effective. It is NOT the effective date. After a minimum of seven days following the date designated in Box 12(A) above, the agency must submit a Notice of Effective Date to the Office of Administrative Rules to make this rule effective. Failure to submit a Notice of Effective Date will result in this rule lapsing and will require the agency to start the rulemaking process over.

Indexing Information

14. Indexing information - keywords (maximum of four, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):

- public utilities
- electric utility industries
- utility regulations
- electric safety codes

File Information

15. Attach an RTF document containing the text of this rule change (filename):

There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Sections 63G-3-301, 302, 303, and 402. Incomplete forms will be returned to the agency for completion, possibly delaying publication in the Utah State Bulletin, and delaying the first possible effective date.

Agency Authorization

Agency head or designee, and title:

Michael Hammer
Administrative Law Judge

Date (mm/dd/yyyy): 08/24/2016