



## INCORPORATION BY REFERENCE STATEMENT

**\*\*PLEASE LIST THE FOLLOWING:**

1. Name of Agency: **Department of Energy**

2. Person who has reviewed the material to be incorporated into the agency's rules:

Name:	<b>Paul G. Kasper</b>	Title:	<b>Director of Enforcement</b>
Address:	<b>21 S. Fruit St., Ste. 10 Concord, NH 03301</b>	Phone #:	<b>603-271-6026</b>

3. Specific rule number where the material is incorporated:

En 302.18, En 306.01(b)(1), En 307.06(a)(5), En 304.02(h), En 305.02(d), En 305.02(f)(4), En 305.03(a), En 307.07(c)(3), En 306.09(b)

**\*\*PLEASE ATTACH THE FOLLOWING**, numbered to correspond to the number on this sheet (a separate sheet is not required for every item):

4. The complete title of the material which is to be incorporated including the date on which the material became effective (or a document identification number) or, if the material is undated Internet content, the date the material was accessed and printed, and the title of the entity that created or promulgated the material.

IEEE 141-1993 Recommended Practice For Electric Power Distribution For Industrial Plants, dated 4/29/1994

IEEE C2-2023 National Electric Safety Code, 2023 Edition

IEEE 1366-2022 Guide For Electric Power Distribution Reliability Indices, dated 11/22/2022

ANSI C84.1-2020 Electric Power Systems Voltage Ratings (60 Hz), dated 3/10/2020

ANSI C12.1-2022 Code for Electricity Metering, dated 6/9/2022

ANSI C12.20-2015 Electricity Meters, dated 4/1/2017

ANSI A300 (Part 1) Tree Care Operations – Tree, Shrub and Other Woody Plant Maintenance – Standard Practices (2017)

National Incident Management System NIMS (2008), 3rd edition dated October 2017

5. How the agency modified the text of the material incorporated, clearly identifying where amendments have been made to the text.

**No modifications.**

6. How the material incorporated can be obtained by the public (include cost and the address of the party which published the material, and the Internet source URL if it appears in the rule, for example if the material is Internet content only available online).

IEEE 141-1993 Recommended Practice For Electric Power Distribution For Industrial Plants, hard copy can be purchased for \$234 and a PDF version for \$209 at: <http://techstreet.com/ieee>.

IEEE C2-2023 National Electric Safety Code, hard copy can be purchased for \$237 and a PDF version for \$214 at: <http://techstreet.com/ieee>.

IEEE 1366-2022 Guide For Electric Power Distribution Reliability Indices, hard copy can be purchased for \$84 and a secure pdf for \$68 at: <http://techstreet.com/ieee>.

ANSI C84.1-2020 Electric Power Systems Voltage Ratings (60 Hz), PDF copy can be purchased for \$163 at: <https://webstore.ansi.org> or American National Standards Institute, 25 West 43<sup>rd</sup> Street, 4<sup>th</sup> Floor, New York, NY 10036.

ANSI C12.1-2022 Code for Electricity Metering, PDF copy can be purchased for \$465 at: <https://webstore.ansi.org> or American National Standards Institute, 25 West 43<sup>rd</sup> Street, 4<sup>th</sup> Floor, New York, NY 10036.

ANSI C12.20-2015 Electricity Meters, included with ANSI C12.1-2022, above.

ANSI A300 (Part 1) Pruning (2017), paperback copy can be purchased for \$79 at: <https://www.amazon.com/Pruning-Standard-Shrub-Maintenance-Practises/dp/B007SY2KJK>.

National Incident Management System NIMS (2008), no cost at <http://www.fema.gov/national-incident-management-system> or Federal Emergency Management Agency, U.S. Dept. of Homeland Security, 500 C Street SW, Washington, DC 20472.

7. Why the agency did not choose to reproduce the incorporated material in full in its rules. The discussion shall include more than the obvious reason that it is less expensive to incorporate by reference.

There are multiple publications, two of which exceed 700 pages, as shown below. Further, it would be too cumbersome to set out the requirements in the publications into the rules.

IEEE 141-1993 Recommended Practice For Electric Power Distribution For Industrial Plants is approximately 768 pages long which would make this challenging to include in the rule.

The National Electric Safety Code, 2023 Edition is over 732 pages long and includes detailed informational illustrations which would make this challenging to include in the rule.

IEEE 1366-2022 Guide For Electric Power Distribution Reliability Indices, 40 pages long.

ANSI C84.1-2020 Electric Power Systems Voltage Ratings (60 Hz), 21 pages long.

ANSI C12.1-2022 Code for Electricity Metering, 178 pages long.

ANSI C12.20-2015 Electricity Meters, included with ANSI C12.1-2022, above.

ANSI A300 Parts 1 Tree Care Operations – Tree, Shrub and Other Woody Plant Maintenance – Standard Practices (2017), 13 pages long.

National Incident Management System is approximately 133 pages long.

8. Pursuant to JLCAR Committee rule 201.02(d), if the document or internet content being incorporated in the proposed rule was amended from the version in the currently effective rules, then please provide an explanation of the differences between the two versions. The explanation may be a narrative or a side-by-side comparison written in the space below or on a separately attached page. The narrative must identify any substantive changes. If no substantive changes were made, please state that no substantive changes were made. Do not leave this section blank.

**The Puc 300 rules upon which the En 300 rules are based cited to the 2012 edition of the National Electric Safety Code, the one which would have been in use at the time of rules adoption. The significant differences between the 2012 and 2023 editions of the National Electric Safety Code are as follows:**

- New rules 190-195 for photovoltaic (PV) generating stations.
- Rule 116c adds an exception for providing short-circuit protection if less than 1,000 volts and for short lengths of insulated power cables.
- Rule 320B is revised to clarify separations that apply to communications and electric supply lines in different conduit systems.

**Table 410-4 adds a new table based on the latest Arc-Flash testing on live-front transformers.**

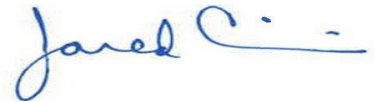
**As for the other publications cited, the publications are the same as when the Puc 300 rules were adopted.**

**\*\*PLEASE SIGN THE FOLLOWING:**

I, the adopting authority,\* certify that the text of the material which the agency is incorporating by reference in these rules has been reviewed by this agency. To the best of my knowledge and belief, this agency has complied with the requirements of RSA 541-A:12, IV and Section 3.12 of Chapter 4 of the Drafting and Procedure Manual for Administrative Rules. I further certify that the agency has the capability and the intent to enforce the material incorporated into the rules, as identified above.

Date: September 18, 2024

Signature:



Name: **Jared S. Chicoine**

Title: **Commissioner**

\*("Adopting authority" is the official empowered by statute to adopt the rule, or a member of the group of individuals empowered by statute to adopt the rule.)