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NECA 701-2013

Standard for

Energy Management, Demand Response and Energy Solutions

AN AMERICAN NATIONAL STANDARD

Published by
National Electrical Contractors Association

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NECA/NACMA 701-2013

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OR

National Electrical Contractors Association
3 Bethesda Metro Center, Suite 1100
Bethesda, Maryland 20814
(301) 657-3110

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(This foreword is not a part of the standard)

Foreword

National Electrical Installation Standards™ are designed to improve communication among specifiers, purchasers, and suppliers of electrical construction services. They define a minimum baseline of quality and workmanship for installing electrical products and systems. *NEIS*™ are intended to be referenced in contract documents for electrical construction projects. The following language is recommended:

> Energy conservation measures, demand response and energy solutions should be developed, implemented and evaluated in accordance with NECA 701-2013, *Standard for Energy Management, Demand Response and Energy Solutions* (ANSI).

Use of *NEIS*™ is voluntary, and the National Electrical Contractors Association assumes no obligation or liability to users of this publication. Existence of a standard shall not preclude any member or nonmember of either organization from specifying or using alternate construction methods permitted by applicable regulations.

This publication is intended to comply with the edition of the National Electrical Code® (NEC) in effect at the time of publication. Because they are quality standards, *NEIS* may in some instances go beyond the minimum safety requirements of the NEC. It is the responsibility of users of this publication to comply with state and local electrical codes when installing electrical products and systems.

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NECA Codes and Standard
3 Bethesda Metro Center, Suite 1100
Bethesda, MD 20814
(301) 215-4521
(301) 215-4500 Fax
www.neca-neis.org
neis@necanet.org

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1. Scope

This standard describes methods and procedures used for performing energy conservation surveys, controlling and managing energy consumption, implementing the smart grid and demand response, and developing, implementing and evaluating energy conservation measures for residential, commercial, and industrial applications.

1.1 Regulatory and Other Requirements

a) All information in this publication is intended to conform to the National Electrical Code (ANSI/ NFPA Standard 70). Installers should always follow the NEC, applicable state and local codes, and manufacturers' instructions when installing electrical products and systems.

b) Only qualified persons as defined in the NEC familiar with the construction and installation of electrical power distribution and control systems and equipment should perform the technical work described in this publication. Administrative functions and other tasks can be performed under the supervision of a qualified person. All work should be performed in accordance with NFPA 70E, *Standard for Electrical Safety in the Workplace.*

c) General requirements for installing electrical products and systems are described in NECA 1-2010, *Standard for Good Workmanship in Electrical Construction* (ANSI). Other *National Electrical Installations Standards* provide guidance for installing particular types of electrical products and systems. A complete list of *NEIS* is provided in Annex C.