



ANSI Energy Efficiency Standardization Coordination Collaborative (EESCC)



Fran Schrotter
Senior Vice President and Chief Operating Officer

December 12, 2012

*Today, more than ever, standards are an imperative undertaking.
Standards are the building blocks for innovation and competitiveness.*

Our nation's ability to compete and lead in a rapidly changing global economy is closely related to our leadership in the development and effective use of standards and standardization processes.



Standards provide the common language that keeps domestic and international trade flowing. It is difficult to overestimate their critical value to both the U.S. and global economy.

Source:

Director of the National Institute of Standards and Technology - Patrick Gallagher
United States Standards Strategy

December 2, 2010

What Is ANSI's Role?



- National coordinating institution for voluntary standards, CA, and related activities
- Advance the economy; benefit health, safety, and environment; and facilitate trade
- Protect public interest, assure participation
- Determine need for new standards and CA programs, promote existing activities, identify gaps
- Not an SDO!
- ANSI is a **bridge** between public-sector policies and private-sector solutions



What Is a Collaborative?



- **ANSI Standardization Coordination Collaboratives** are established to promote the development and compatibility of voluntary consensus standards and conformity assessment programs necessary to support national and global priorities
 - Coordinate the efforts of the private and public sectors
 - Environmental scan to identify existing standards and compliance programs, both national and international
 - Define where gaps exist
 - Recommend where additional work is needed
 - Explore with the stakeholder community potential organizations to address gaps

ANSI Panels, Fora, Workshops, and Collaboratives

1994

Information Infrastructure Standards Panel



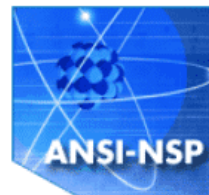
2003

Homeland Security Standards Panel



2004

Nanotechnology Standards Panel



2005

Healthcare Information Technology Standards Panel



2006

ID Theft Prevention and ID Management Standards Panel



2007

Biofuels Standards Coordination Panel



2007

ANSI Network on Chemical Regulation



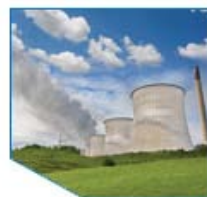
2009

Workshop Toward Product Standards for Sustainability



2009

ANSI-NIST Nuclear Energy Standards Coordination Collaborative



2010

The Financial Management of Cyber Risk



2011

ANSI Electric Vehicles Standards Panel



2012

ANSI Energy Efficiency Standards Coordination Collaborative



Energy Efficiency: A Key Component to Our Nation's Energy Goals



- Energy efficiency has the potential to help power the nation's energy, economic, and environmental goals
- It offers a cost-effective solution to the energy challenge for industry, consumers, investors, and policymakers, but a **comprehensive national approach** and close **public-private sector coordination** is needed to overcome and address barriers
- The **ANSI Energy Efficiency Standardization Coordination Collaborative (EESCC)** has been launched to:
 - coordinate a U.S. approach to energy efficiency standardization
 - develop a standardization roadmap to advance energy efficiency

How Will We Do the Work?



Phase One:

- **WG1: Building energy and water assessment standards**
including diagnostic test procedures and health and safety testing
- **WG2: Systems integration and communications**
encompassing communications between building automation/operation systems, equipment, and the electric grid
- **WG3: Building energy modeling, rating, and labeling**
including whole building modeling from design to construction, as well as rating and labeling for energy performance
- **WG4: Evaluation, measurement, and verification**
encompassing EM&V, energy performance metrics, and standardized and portable data collection and reporting
- **WG5: Workforce credentialing**
including standards for workforce training and certification programs, and workforce skills standards

Why Is EM&V So Important?



- Where's the beef?
 - EM&V **demonstrates the value** of energy efficiency programs by providing accurate, transparent, and consistent assessments of methods and performance.

“If energy efficiency is to be supported by significant levels of public funding, the need for a clear, consistent, and widely accepted EM&V system will be even more important than it is today.”

Source:

2009 McKinsey Report, *Unlocking energy efficiency in the US economy*

The End Result: EESCC Standardization Roadmap



The EESCC roadmap is intended to:

- Identify what standards, codes, and conformance programs are available, what gaps exist, and what additional activities are needed
- Increase awareness of these activities to support their adoption and implementation by government and industry
- “Shine a spotlight” on all of the meaningful work that is being done
 - Much work has been done in “slices” - here is where it all comes together

The EESCC roadmap is **NOT** intended to:

- Displace or duplicate work that is currently being done
- Develop standards or assign responsibility for their development
- “Pick winners”

EESCC Membership is Open and Growing

(roster as of 11/30/2012)

Air Conditioning Contractors of America
Allana Buick and Bers, Inc.
American Gas Association
American Public Gas Association
American Society of Plumbing Engineers
ASHRAE
ASME
ASTM International
BSI Group America
The Cadmus Group
CLASP
GE
Lawrence Berkeley National Laboratory
Interstate Renewable Energy Council
IAPMO
InfoComm International
Intel Corporation
International Code Council (ICC)
International Trade Administration
Miller Electric Manufacturing/ITW
National Air Duct Cleaners Association

North American Energy Standards Board
National Institute of Building Sciences (NIBS)
National Electrical Contractors Association
National Institute of Standards and Technology (NIST)
National Fenestration Rating Council
Navigant Consulting
NEMA
Northwest Energy Efficiency Council
NSF International
Piping Industry Progress and Education Trust Fund
Professional Testing
Refrigeration Service Engineers Society
RESNET
Rockwell Automation
Schneider Electric
SCTE
Siemens
Telecommunications Industry Association
Underwriters Laboratories
U.S. Department of Energy
U.S. Department of Housing and Urban Development



Participation Makes It Possible

- Broad participation among both public and private stakeholders is key
 - EESCC will be best served if the interests of all stakeholder groups are represented
 - Success is dependent upon participation by all
- Make this initiative as inclusive as possible
 - Spread the word among organizations or groups you feel should be involved
- Thank you for your support of these initiatives - their success is yours



EESCC Staff Contacts



- Fran Schrotter, SVP and COO
fschrott@ansi.org; 212.642.4934

- Jana Zabinski, Manager, Energy Efficiency Program
jzabinski@ansi.org; 212.642.8901

- Jessica Carl, Program Administrator
jcarl@ansi.org; 212.642.4903

For more information and to join: www.ansi.org/eesc



for more information

Fran Schrotter
Senior Vice President
and COO

fschrott@ansi.org

American National Standards Institute

Headquarters

1899 L Street, NW
11th Floor
Washington, DC 20036

T: 202.293.8020
F: 202.293.9287

New York Office

25 West 43rd Street
4th Floor
New York, NY 10036

T: 212.642.4900
F: 212.398.0023

www.ansi.org
webstore.ansi.org
www.nssn.org

