

NERC Reliability Standards Development Process

Texas RE
Standards Committee Meeting
Austin, TX
January 29, 2008

David W. Taylor
Manager of Standards Development

NERC
NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION

Topics

- NERC Reliability Standards Development Procedure
- NERC Evaluation of a Request for Approval of a Regional Reliability Standard

NERC Reliability Standards Development Procedure

NERC RSDP

The latest approved version of the NERC Reliability Standards Development Procedure is posted on the NERC website at:

<http://www.nerc.com/standards/newstandardsprocess.html>

Key Roles in Standards Process



Board of Trustees



Regulators



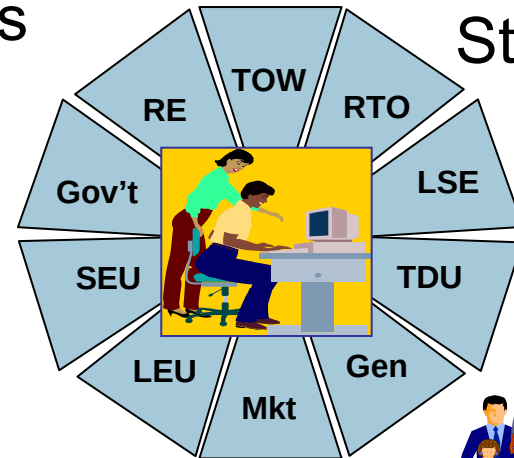
Stakeholders



Standards Committee



Standards Staff



Ballot Body



Drafting Teams



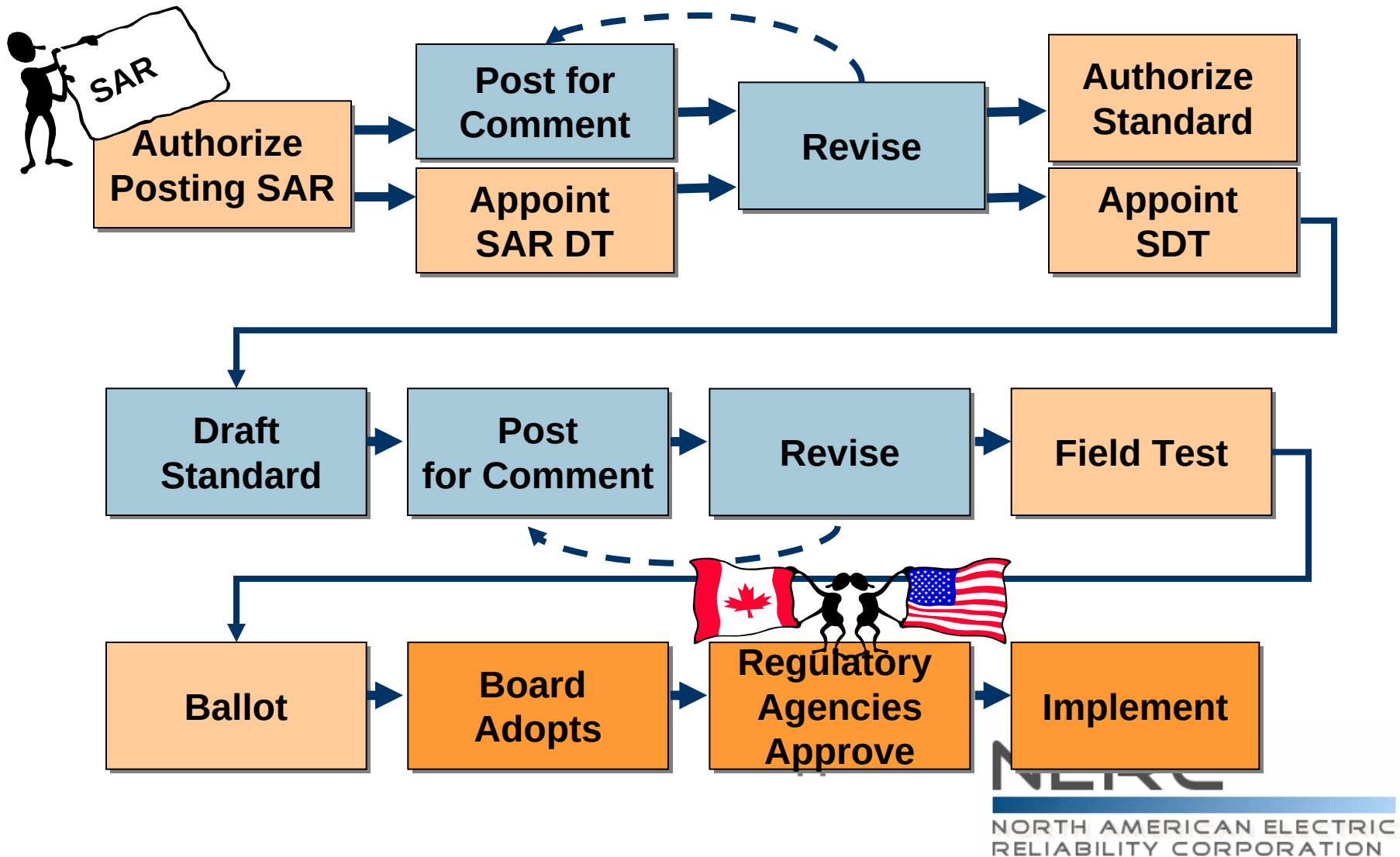
Ballot Pools

Standards Process Overview

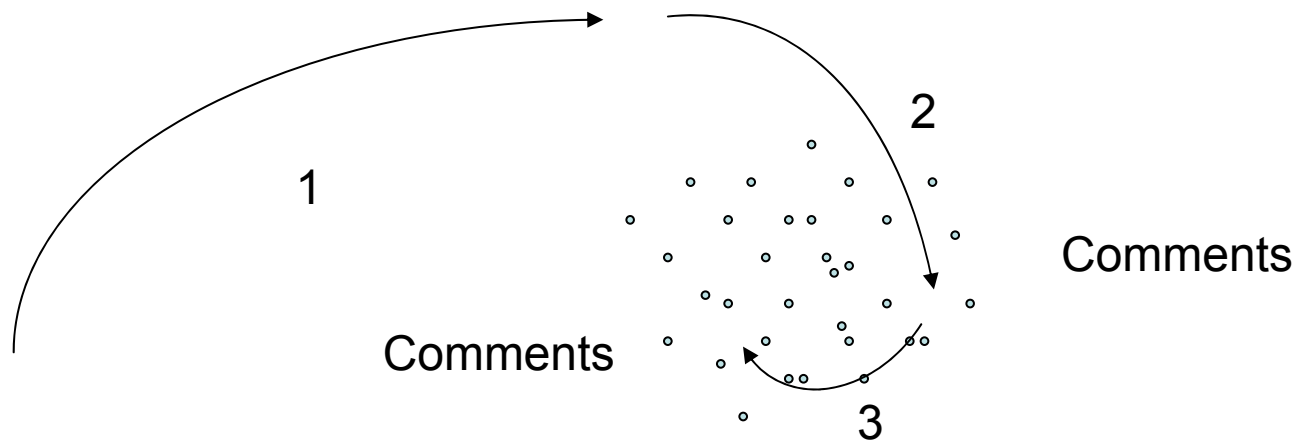
Drafting Team

SC Approval

After DT Done



What Is “Consent of the Industry?”



NERC Evaluation of a Request for Approval of a Regional Reliability Standard

What is a Regional Reliability Standard?

- More stringent than the continent-wide reliability standard
 - May address matters not covered by the continent-wide reliability standard
- Necessitated by a physical difference in the bulk power system

Development of a Regional Reliability Standard

- Regional entity follows individual regional reliability standards development procedures (similar to NERC procedure but tailored to RE governance structure)
 - SAR development
 - Draft standard
 - Comment Period
 - Ballot Period
 - BOD approval
- Regional entity submits standard to NERC for evaluation and approval

Evaluation of a Regional Standard Request

- Confirm standard contains all elements of the NERC reliability standard template
- Comment period
 - developed in a fair and open process
 - no significant adverse impact on reliability
 - provides a level of reliability of the bulk power system
 - no serious or substantial burden on competitive markets
- Decision to take standard to BOT for approval is made by RE
- Once approved, the NERC BOT will direct standard be filed with applicable government agencies in United States, Canada, and Mexico.

Industry Participation

- Become familiar with projects under development in each region using the NERC website overview
- Get involved at the regional level
 - Participate on drafting teams
 - Provide comments in regional process

Finding Information

[Reliability Standards Home](#)
[Announcements](#)
[Approved Standards](#)
[Standards Under Development](#)
[Ballot Pools](#)
[Current Ballots](#)
[Ballot Results](#)
[Registered Ballot Body](#)
[Proxy Voters](#)
[Registration Instructions](#)
[Regional Reliability Standards](#)
[NERC Home](#)

The [Standards C](#)
coordinates the
[North American](#)

The [Registered E](#)
Reliability Stand:
materially affect
under developm

[Subscribe](#) to the
available for revi

Regional Reliability Standards Page

Regional Reliability Standards - Windows Internet Explorer provided by NERC

http://www.nerc.com/~filez/regional_standards/

Viewpoint Search

File Edit View Favorites Tools Help

Google Go 80 blocked Check AutoLink AutoFill Send to Settings

Viewpoint Web Search Search Results Bookmarks Pop-ups My Fomat

Regional Reliability Standards

Content was previously located by viewing a regional difference that addresses matters that the content was previously standard does not, or shall be a regional difference necessitated by a physical difference in the bulk-power system.

A regional entity may request that NERC approve a regional reliability standards development procedure. [These procedures](#) delineate the steps involved in obtaining regional approval of a regional reliability standard.

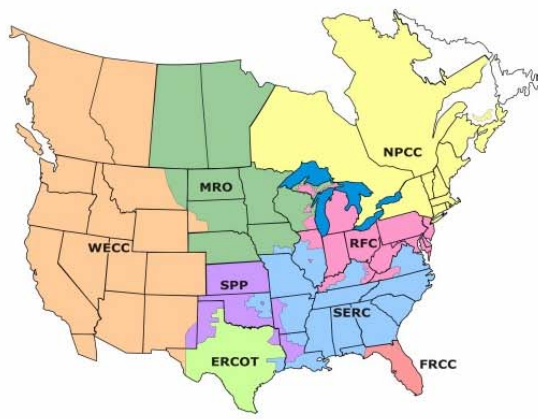
Only regional entities may submit to NERC a request to approve, revise, or withdraw a regional reliability standard. NERC will post the proposed regional reliability standard including the implementation plan and the justification for the standard. The progress of the development of the regional standard will be posted on the NERC regional reliability standards under development web page.

The [Regional Reliability Standards Working Group \(RRSWG\)](#) was established in May of 2006 to facilitate the development of the regional standards process. The RRSWG meeting material can be accessed by [clicking here](#).

For more information contact David Taylor at David.Taylor@nerc.net.

Regional Reliability Standards Under Development

Electric Reliability Council of Texas, Inc. (ERCOT)
Florida Reliability Coordinating Council (FRCC)
Midwest Reliability Organization (MRO)
Northeast Power Coordinating Council (NPCC)
ReliabilityFirst Corporation (RFC)
SERC Reliability Corporation (SERC)
Southwest Power Pool, Inc. (SPP)
Western Electricity Coordinating Council (WECC)



Copyright © 2007 by the North American Electric Reliability Corporation. All rights reserved.

Internet 100%

start Inbox - Mic... RE: Joint PC... FW: Joint P... Joint PC-OC... Standards D... Microsoft Po... Regional Rel... 7:45 AM

Regional Standards Under Development Page

http://www.nerc.com/~filez/regional_standards/regional_reliability_standards_under_development. - Windows Internet Explorer pro

http://www.nerc.com/~filez/regional_standards/regional_reliability_standards_under_development.html

File Edit View Favorites Tools Help

Google Viewpoint Web Search Search Results Bookmarks Pop-ups My Fotomat

http://www.nerc.com/~filez/regional_stan...

NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION
home | regions | committees | meetings | search | site map | contact us

Regional Reliability Standards Under Development

ERCOT | [FRCC](#) | [MRO](#) | [NPCC](#) | [RFC](#) | SERC | SPP | [WECC](#) | [Home](#)

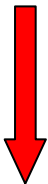
[NERC Reliability Standards](#)

Regional Reliability Standards Under Development				
Standard No.	Title	Date	Regional Status	NERC Status
Electric Reliability Council of Texas, Inc. (ERCOT)				
	No regional standards under development at this time.			
Florida Reliability Coordinating Council (FRCC)				
	Verification of Generator Gross and Net Reactive (MVAR) Power Capability	11/29/06	Request Accepted	Monitoring Regional Progress
	Verification of Generator Gross and net Real (MWs) Power Capability	11/29/06	Request Accepted	Monitoring Regional Progress
	FRCC Regional Disturbance Monitoring and Reporting Requirements	11/29/06	Request Accepted	Monitoring Regional Progress
	FRCC Regional Procedure for Analysis of Misoperations of Transmission and Generation Protection Systems	11/29/06	Request Accepted	Monitoring Regional Progress
FRCC-S-PRC-006-0	FRCC Automatic Under Frequency Load Shedding Program	1/01/07	Comments Under Review	Monitoring Regional Progress
FRCC-S-PRC-024-0	FRCC Regional Generator Performance During Frequency and Voltage Excursions	2/05/07	Posted for Comment 2/05/07 to 2/20/07	Monitoring Regional Progress

Internet Monday, March 12, 2007

start Inbox - Mic... RE: Joint PC... FW: Joint P... Joint PC-OC... Standards D... Microsoft Po... http://www.... 7:35 AM

Scroll down
to view
each
region's
active
projects



Questions

David W. Taylor

Manager of Standards Development
North American Electric Reliability Corporation

116-390 Village Boulevard

Princeton, NJ 08540-5731

Phone (609) 452-8060

 **Cell (609) 651-5089**

Fax (609) 452-9550

 **david.taylor@nerc.net**

NERC

NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION