

Texas RE Standards Development Process

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Texas RE Standards Development Process

- FERC approved the *Texas RE Reliability Standards Development Process* as part of the delegation agreement on April 19, 2007.
- The latest approved version of the *Texas RE Reliability Standards Development Process* is posted on the Texas RE website in the Reliability Standards section (Planning and Procedures):

<http://www.ercot.com/mktrules/compliance/tre/standards/index.html>

Key Roles in the Texas RE Standards Development Process

- Requester
- Reliability Standards Committee (RSC)
- Reliability Standards Manager (RSM)
- Reliability and Operations Subcommittee (ROS)
- Standards Drafting Team (SDT)
- Registered Ballot Body (RBB)
 - Ballot Pool
- ERCOT Board of Directors

Reliability Standards Committee

- RSC is a committee of Texas Regional Entity (RE)
- A balanced committee comprised of the seven (7) ERCOT Market Participant (MP) Segments
- RSC will review the Standards Authorization Requests (SAR) and will consider which SAR shall be assigned for development
- Prioritize the development of SARs as required

Reliability Standards Committee (Cont.)

- Requests ROS to assemble the Standard Drafting Team (SDT)
- Declares a preliminary date for when a draft Standard and the associated supporting documents is expected to be completed and available for consideration by the ERCOT Membership
- Verify all the work completed by the SDT

Reliability Standards Committee (Cont.)

- Vote to recommend whether proposed new or revised standards should be presented for a vote to all ERCOT MPs
- Based upon the MPs vote, RSC forwards the final standards package to the ERCOT Board of Directors (BOD) for approval

Role of ROS in the Regional Standards Development Process

- Upon acceptance of a SAR, the RSC shall direct the Reliability and Operations Subcommittee (ROS) to assemble a qualified balanced slate for the SDT
- The Reliability Standards Manager (RSM) will recommend a slate of ad-hoc individuals or a pre-existing task force, work group, or similar for the SDT based upon the ROS' desired team capabilities

Role of ROS in the Regional Standards Development Process (Cont.)

- The ROS will either accept the recommendations of the RSM or modify the SDT slate, as it deems appropriate **within 60 days of accepting a SAR for development**
- Appoints the interim chair (should not be a staff person) of the SDT. The SDT will elect the permanent Chair and Vice-Chair at its first meeting

Standard Drafting Team

- A team of technical experts, assigned by ROS, responsible for developing a proposed standard based upon an approved SAR
- Collectively have the necessary technical expertise and work process skills pertaining to the particular SAR subject
- Review stakeholders comments and consider modification to the draft standards
- SDT typically includes a member of the **Texas RE staff** and the **originator** in addition to the field Subject Matter Experts (**SME**) assigned by ROS

Texas RE Reliability Standards Development Process Steps

- Submit a Standards Authorization Request (SAR) to develop, revise or delete a Regional Reliability Standard
- The Reliability Standards Committee accepts, remands or rejects the SAR
- Once RSC accepts the SAR, it directs the ROS to form a Standard Drafting Team (SDT)

Texas RE Reliability Standards Development Process Steps (Cont.)

- The RSC verifies that the draft Standard is consistent with the SAR
- The draft Standard is posted on the Texas RE Website for a 30-day comment period
- Based on comments received, the SDT will convene to consider changes to the draft Standard

Texas RE Reliability Standards Development Process Steps (Cont.)

- Responses to all comments will be posted and based on the comments, the draft Standard may be reposted
- Upon RSC concurrence that all SAR requirements are met, the draft Standard and Implementation Plan are posted for vote by the Texas RE Membership

Texas RE Reliability Standards Development Process Steps (Cont.)

- A ballot pool is established at least 30 days prior to the start of a ballot
- Each Standard will have its own Ballot Pool
- Ballot Pool is a subset of Registered Ballot Body
- The ballot pool may be established earlier in the development process to encourage active participation in the development process
- Any member of the Registered Ballot Body may join or drop out of a ballot pool until the ballot period begins
- No Registered Ballot Body member may join or leave the ballot pool once the first ballot starts

Texas RE Reliability Standards Development Process Steps (Cont.)

- The Texas RE registered ballot body shall vote on the draft Standard during a 15-day period
- Each member company shall have one vote
- Votes shall be submitted electronically

Texas RE Reliability Standards Development Process Steps (Cont.)

- At least one (1) Texas RE Member Representative from five (5) of the seven (7) ERCOT Market Participant Segments must vote to constitute a quorum
- Each Segment shall have one (1) Segment Vote
- The representative of each voting Texas RE Member shall receive an equal fraction of its Segment Vote

Texas RE Reliability Standards Development Process Steps (Cont.)

- If a draft Standard receives 4.67 (2/3 of 7 Segments) or greater affirmative votes, the RSC will forward the Standard to the ERCOT Board for action
- If a draft Standard does not receive 4.67 or greater affirmative votes, the RSC may:
 - Revise the SAR and remand back to the SDT
 - Direct the SDT to reconsider or modify certain aspects of the draft Standard and/or implementation plan
 - Recommend termination of all work on the development of the Standard action under consideration and so notify the ERCOT Board

Texas RE Reliability Standards Development Process Steps (Cont.)

- ERCOT Board will either:
 - Approve the proposed Regional Reliability Standard;
 - Remand the proposed Regional Reliability Standard to the RSC with comments and instructions; or
 - Disapprove the proposed Regional Reliability Standard action without recourse
- Once an ERCOT-Specific Reliability Standard is approved by the ERCOT Board, the Standard will be submitted to NERC for approval and filing with FERC

Texas RE Reliability Standards Development Process Steps (Cont.)

Regional reliability standards, when approved by FERC, shall be made part of the body of NERC reliability standards and shall be enforced upon all applicable bulk-power system owners, operators, and users within the Texas RE region, regardless of membership in the region.

Standards Submittal Process to NERC

- Proposed regional reliability standards shall be subject to review by NERC, and approval by both NERC Board of Trustees and Federal Energy Regulatory Commission (FERC) or other applicable authorities in Canada and Mexico before becoming mandatory and enforceable
- The latest version of NERC Regional Reliability Standards Evaluation Procedure is found at:

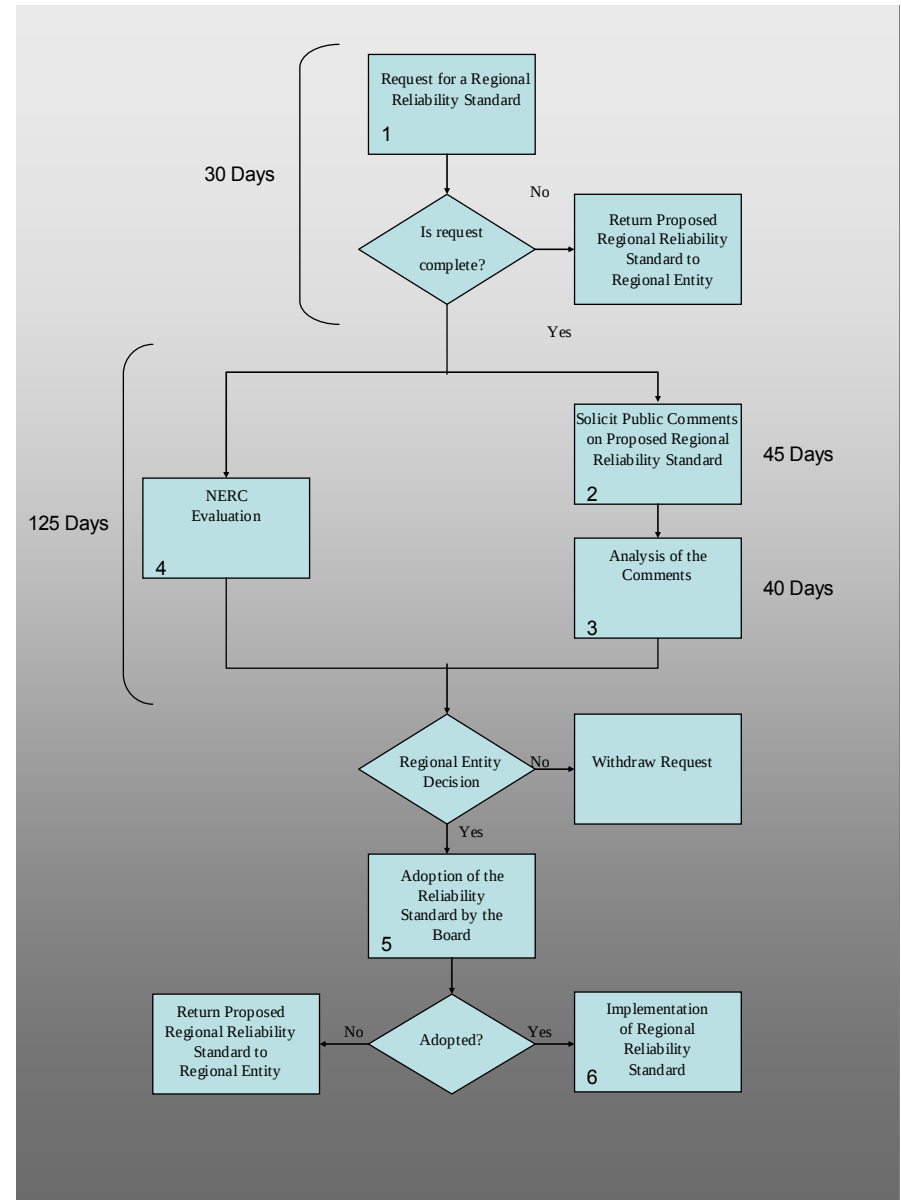
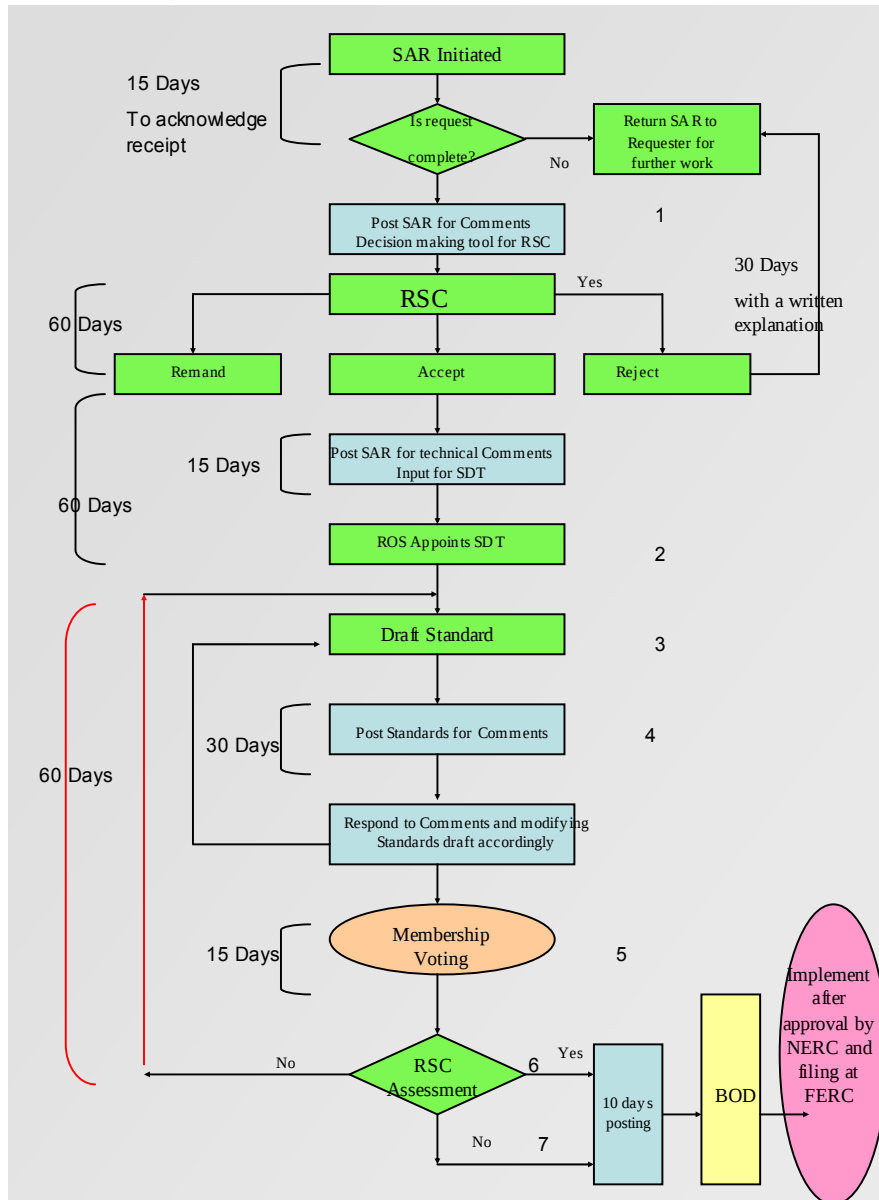
[www.nerc.com/pub/sys/all_updl/sac/rrswg/NERC Regional Reliability Standards Development Procedure Version%200-0%202007-06-15_dwt.pdf](http://www.nerc.com/pub/sys/all_updl/sac/rrswg/NERC_Regional_Reliability_Standards_Development_Procedure_Version%200-0%202007-06-15_dwt.pdf)

Texas RE Regional Standards Submittal Process

Texas RE Process for submitting a regional standard, a regional variance or a change to the standards development process to NERC for approval and subsequent filing in FERC is posted on the Texas RE website in the Reliability Standards section (Planning and Procedures):

<http://www.ercot.com/mktrules/compliance/tre/standards/index.html>

Regional Standards Process Timeline



Reliability Standards Web Section



www.ercot.com/mktrules/compliance/tre/standards/index.html

Home > Market Rules > Compliance > Texas Regional Entity > Reliability Standards

Protocols
Guides
System Changes
Compliance
Compliance Investigations
ERCOT Performance Metrics
ERCOT Protocol-Specific Compliance Program
Texas Regional Entity

RELIABILITY STANDARDS

[Show All Documents](#)

A reliability standard defines certain requirements of entities that own, operate, plan and use the bulk power systems of North America.

North American Electric Reliability Corporation Reliability Standards

The North American Electric Reliability Corporation (NERC) has been certified by the Federal Energy Regulatory Commission (FERC) as the Electric Reliability Organization (ERO). NERC works with all stakeholder segments of the electric industry to develop standards for the reliable planning and operation of the bulk power systems.

Below is information on FERC-approved mandatory NERC reliability standards, information, visit the NERC website to see [FERC-approved standards](#); [standards approved by the NERC Board of Trustees](#); and [NERC standards under development](#). To locate NERC messages on standards, visit [NERC Announcements](#).

Documentation

Regional Reliability Standards

A regional entity may develop, through its own FERC-approved regional reliability development procedure, regional reliability standards that go beyond, add to or implement NERC reliability standards, or that cover matters not addressed in standards.

Below is information on the regional standards being developed by the Texas Regional Entity (RE).

Planning and Procedures

Texas Regional Entity Standards Development Process

Process for development, revision, reaffirmation and withdrawal of a regional reliability standard
November 29, 2006
(01/08/08, .pdf, 208 KB)

Reliability Standards Committee Procedures

Document defining the roles and responsibilities of the Reliability Standards Committee (RSC), which reviews regional Standards Authorization Requests (SARs) and subsequent recommendations

REL. ▼ Planning and Procedures

Texas Regional Entity Standards Development Process

Process for development, revision, reaffirmation and withdrawal of a regional reliability standard, November 29, 2006
(01/08/08, .pdf, 208 KB)

Reliability Standards Committee Procedures

Document defining the roles and responsibilities of the Reliability Standards Committee (RSC), which reviews regional Standards Authorization Requests (SARs) and subsequent recommendations for revisions, deletions or development of ERCOT-specific standards
(01/08/08, .pdf, 84 KB)

Standard Drafting Team Procedures

Document explaining the responsibilities and tasks for standard drafting teams (SDTs), which are appointed by the Reliability and Operations Subcommittee to develop the technical details of new or revised regional standards as defined in the Texas RE Reliability Standard Development Process
(01/08/08, .pdf, 47 KB)

Registered Ballot Body Procedures

Procedures for establishing the registered ballot body (RBB) and the subsequent registered ballot pool (RBP) for the purpose of voting by ERCOT membership on proposed regional reliability standards
(01/08/08, .pdf, 39 KB)

Standards Submittal Procedure

Process for submitting a regional standard, a regional variance or a change to the standards development process to NERC for approval and subsequent filing in FERC
(01/04/08, .pdf, 67 KB)

Numbering Convention for NERC Regional Reliability Standards

Approved numbering convention
(08/22/07, .doc, 45 KB)

RSC Tentative meeting schedule 2008

Tentative 2008 Meeting Dates for the Reliability Standards Committee
(11/28/07, .xls, 38 KB)

Documentation

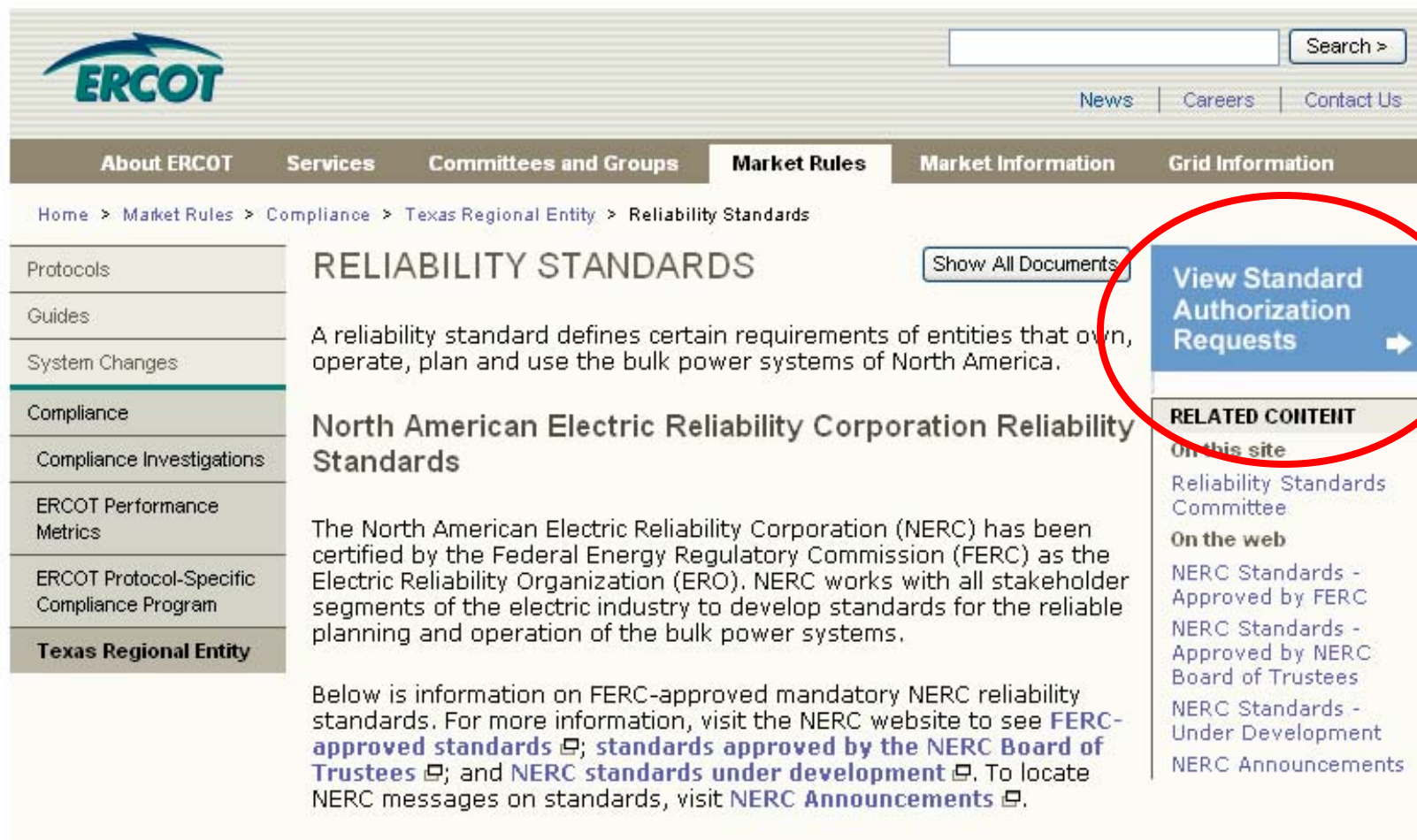
Forms

Related Correspondence



RSC
2.26.2008

Where to Go to Submit a SAR?



The screenshot shows the ERCOT website with the following structure:

- Header:** ERCOT logo, search bar, and links for News, Careers, and Contact Us.
- Navigation Bar:** About ERCOT, Services, Committees and Groups, **Market Rules** (selected), Market Information, and Grid Information.
- Breadcrumbs:** Home > Market Rules > Compliance > Texas Regional Entity > Reliability Standards.
- Left Sidebar:** A list of links including Protocols, Guides, System Changes, Compliance (highlighted), Compliance Investigations, ERCOT Performance Metrics, ERCOT Protocol-Specific Compliance Program, and Texas Regional Entity.
- Main Content Area:**
 - RELIABILITY STANDARDS** (Section Header)
 - RELATIONSHIP:** A reliability standard defines certain requirements of entities that own, operate, plan and use the bulk power systems of North America.
 - North American Electric Reliability Corporation Reliability Standards** (Section Header)
 - DESCRIPTION:** The North American Electric Reliability Corporation (NERC) has been certified by the Federal Energy Regulatory Commission (FERC) as the Electric Reliability Organization (ERO). NERC works with all stakeholder segments of the electric industry to develop standards for the reliable planning and operation of the bulk power systems.
 - ADDITIONAL INFORMATION:** Below is information on FERC-approved mandatory NERC reliability standards. For more information, visit the NERC website to see [FERC-approved standards](#); [standards approved by the NERC Board of Trustees](#); and [NERC standards under development](#). To locate NERC messages on standards, visit [NERC Announcements](#).
- Right Sidebar:**
 - Show All Documents** (button)
 - View Standard Authorization Requests** (button, circled in red)
 - RELATED CONTENT**
 - On this site**
 - [Reliability Standards Committee](#)
 - On the web**
 - [NERC Standards - Approved by FERC](#)
 - [NERC Standards - Approved by NERC Board of Trustees](#)
 - [NERC Standards - Under Development](#)
 - [NERC Announcements](#)

SAR Web Section

About ERCOT	Services	Committees and Groups	Market Rules	Market Information	Grid Information
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[Home](#) > [Market Rules](#) > [Compliance](#) > [Texas Regional Entity](#) > [Reliability Standards](#) > [Standard Authorization Requests](#)

Protocols

Guides

System Changes

Compliance

Compliance Investigations

ERCOT Performance Metrics

ERCOT Protocol-Specific Compliance Program

Texas Regional Entity

STANDARD AUTHORIZATION REQUESTS

Any entity (organization, company, government agency, individual, etc.) that is directly and materially affected by the reliability of the ERCOT bulk power systems may request an ERCOT-specific regional reliability standard be developed, modified or withdrawn.

For more information on the Standard Authorization Request (SAR) process, refer to the Planning and Procedures section under [Regional Reliability Standards](#).

To initiate such a request, send the Standard Authorization Request Form below to rsm@texasre.org.

Active Standard Authorization Requests

The Reliability Standards Committee (RSC) reviews and recommends action on ERCOT-specific reliability standards and regional variances to North American Electric Reliability Corporation (NERC) standards. Below find Active SARs that have been recommended by the Reliability Standards Committee (RSC) and are now in the approval process.

[Active SAR - Revision to Texas RE Documents to Provide for the ERCOT ISO to Participate and Have a Vote in the Processes](#)
Submitted December 4, 2007; next group ROS (02/01/08, .pdf, 53 KB)

[Standard Authorization Request Form](#)
Form to initiate a request to change standards (01/09/08, .doc, 188 KB)

RELATED CONTENT

On this site
[Reliability Standards Committee](#)



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