

## Standards Authorization Request Form

When completed, email this form to:

[Andy.Rodriguez@nerc.net](mailto:Andy.Rodriguez@nerc.net)

For questions about this form or for assistance in completing the form, call Andy Rodriguez at 404-446-2579.

NERC welcomes suggestions to improve the reliability of the bulk power system through improved reliability standards. Please use this form to submit your request to propose a new or a revision to a NERC's Reliability Standard.

### Request to propose a new or a revision to a Reliability Standard

Title of Proposed Standard:	TOP-006-3 – Monitoring System Conditions		
Date Submitted:	February 3, 2012		
SAR Requester Information			
Name:	James Case, Chair of Project 2007-03 Real-time Operations		
Organization:	Entergy		
Telephone:	(601) 985-2345	E-mail:	<a href="mailto:jcase@entergy.com">jcase@entergy.com</a>
SAR Type (Check as many as applicable)			
<input type="checkbox"/>	New Standard	<input type="checkbox"/>	Withdrawal of existing Standard
<input checked="" type="checkbox"/>	Revision to existing Standard	<input type="checkbox"/>	Urgent Action

### SAR Information

Industry Need (What is the industry problem this request is trying to solve?):
There is a need for additional clarity surrounding Requirements R1.2 and R3 in TOP-006-2 as pointed out in an interpretation request from the Florida Municipal Power Pool.
Purpose or Goal (How does this request propose to address the problem described above?):
This SAR proposes to modify TOP-006-2, Requirements R1.2 and R3 to provide the needed clarity in the subject requirements.

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SAR Information
Identify the Objectives of the proposed standard’s requirements (What specific reliability deliverables are required to achieve the goal?):
Address the need for additional clarity in the subject requirements as per the interpretation request.
Brief Description (Provide a paragraph that describes the scope of this standard action.)
Changes will be made to Requirements R1.2 and R3 to bring needed clarity to the standard.
Detailed Description (Provide a description of the proposed project with sufficient details for the standard drafting team to execute the SAR. Also provide a justification for the development or revision of the standard, including an assessment of the reliability and market interface impacts of implementing or not implementing the standard action.)
<p>Requirement R1.2 will be revised to apply solely to the Transmission Operator (as per the Functional Model v5) for dealing with transmission information.</p> <p>Requirement R1.3 will be created to apply solely to the Balancing Authority (as per the Functional Model v5) for dealing with generation information.</p> <p>Requirement R3 will be revised to state that information can only be provided by a functional entity that it has responsibility for.</p> <p>The SDT will also make conforming changes to the standard to add missing Time Horizons and to bring the compliance elements into conformance with the latest standard template.</p>

Reliability Functions	
The Standard will Apply to the Following Functions (Check each one that applies.)	
<input type="checkbox"/> Regional Reliability Organization	Conducts the regional activities related to planning and operations, and coordinates activities of Responsible Entities to secure the reliability of the Bulk Electric System within the region and adjacent regions.
<input checked="" type="checkbox"/> Reliability Coordinator	Responsible for the real-time operating reliability of its Reliability Coordinator Area in coordination with its neighboring Reliability Coordinator’s wide area view.
<input checked="" type="checkbox"/> Balancing Authority	Integrates resource plans ahead of time, and maintains load-interchange-resource balance within a Balancing Authority Area and

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Reliability Functions	
	supports Interconnection frequency in real time.
<input type="checkbox"/> Interchange Authority	Ensures communication of interchange transactions for reliability evaluation purposes and coordinates implementation of valid and balanced interchange schedules between Balancing Authority Areas.
<input type="checkbox"/> Planning Coordinator	Assesses the longer-term reliability of its Planning Coordinator Area.
<input type="checkbox"/> Resource Planner	Develops a >one year plan for the resource adequacy of its specific loads within a Planning Coordinator area.
<input type="checkbox"/> Transmission Planner	Develops a >one year plan for the reliability of the interconnected Bulk Electric System within its portion of the Planning Coordinator area.
<input type="checkbox"/> Transmission Service Provider	Administers the transmission tariff and provides transmission services under applicable transmission service agreements (e.g., the pro forma tariff).
<input type="checkbox"/> Transmission Owner	Owns and maintains transmission facilities.
<input checked="" type="checkbox"/> Transmission Operator	Ensures the real-time operating reliability of the transmission assets within a Transmission Operator Area.
<input type="checkbox"/> Distribution Provider	Delivers electrical energy to the End-use customer.
<input type="checkbox"/> Generator Owner	Owns and maintains generation facilities.
<input checked="" type="checkbox"/> Generator Operator	Operates generation unit(s) to provide real and reactive power.
<input type="checkbox"/> Purchasing-Selling Entity	Purchases or sells energy, capacity, and necessary reliability-related services as required.
<input type="checkbox"/> Market Operator	Interface point for reliability functions with commercial functions.
<input type="checkbox"/> Load-Serving Entity	Secures energy and transmission service (and reliability-related services) to serve the End-use Customer.

Reliability and Market Interface Principles	
Applicable Reliability Principles (Check all that apply).	
<input checked="" type="checkbox"/>	1. Interconnected bulk power systems shall be planned and operated in a coordinated manner

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Reliability and Market Interface Principles	
	to perform reliably under normal and abnormal conditions as defined in the NERC Standards.
X	2. The frequency and voltage of interconnected bulk power systems shall be controlled within defined limits through the balancing of real and reactive power supply and demand.
X	3. Information necessary for the planning and operation of interconnected bulk power systems shall be made available to those entities responsible for planning and operating the systems reliably.
<input type="checkbox"/>	4. Plans for emergency operation and system restoration of interconnected bulk power systems shall be developed, coordinated, maintained and implemented.
<input type="checkbox"/>	5. Facilities for communication, monitoring and control shall be provided, used and maintained for the reliability of interconnected bulk power systems.
X	6. Personnel responsible for planning and operating interconnected bulk power systems shall be trained, qualified, and have the responsibility and authority to implement actions.
X	7. The security of the interconnected bulk power systems shall be assessed, monitored and maintained on a wide area basis.
<input type="checkbox"/>	8. Bulk power systems shall be protected from malicious physical or cyber attacks.
Does the proposed Standard comply with all of the following Market Interface Principles?	
	Enter (yes/no)
1. A reliability standard shall not give any market participant an unfair competitive advantage.	Y
2. A reliability standard shall neither mandate nor prohibit any specific market structure.	Y
3. A reliability standard shall not preclude market solutions to achieving compliance with that standard.	Y
4. A reliability standard shall not require the public disclosure of commercially sensitive information. All market participants shall have equal opportunity to access commercially non-sensitive information that is required for compliance with reliability standards.	Y

Related Standards	
Standard No.	Explanation
	N/A

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Related Standards	

Related SARs	
SAR ID	Explanation
	N/A

Regional Variances	
Region	Explanation
ERCOT	
FRCC	
MRO	
NPCC	
RFC	
SERC	
SPP	
WECC	