
Standard Authorization Request Form

Title of Proposed Standard: Clarify MRO Regional Standards (RES, PRC, TPL)	
Request Date:	July 22, 2008

SAR Requestor Information	SAR Type <i>(Check a box for each one that applies.)</i>	
Name: Larry Brusseau	<input type="checkbox"/>	New Standard
Primary Contact: Larry Brusseau	<input checked="" type="checkbox"/>	Revision to existing Standard
Telephone: 651-855-1735 Fax: 651-855-1712	<input type="checkbox"/>	Withdrawal of existing Standard
E-mail: le.brusseau@midwestreliability.org	<input type="checkbox"/>	Urgent Action

Purpose (Describe the purpose of the standard — what the standard will achieve in support of reliability.)

The purpose of this SAR is to modify the 4 MRO Regional Reliability Standards; RES-501-MRO-01, PRC-502-MRO-01, TPL-503-MRO-01, and TPL-504-MRO-01

Industry Need (Provide a detailed statement justifying the need for the proposed standard, along with any supporting documentation.)

The industry requires straight forward, concise measures and requirements. This SAR will correct any inconsistencies in the standards and add NERC specified elements.

Brief Description (Describe the proposed standard in sufficient detail to clearly define the scope in a manner that can be easily understood by others.)

Each of the following issues will be addressed for each of the standards:

- Clear, consistent requirements
- Measures that contain types of evidence to meet requirement
- VSL's entered in table format
- Add Time Horizon's

Reliability Functions

The Standard will Apply to the Following Functions (Check box for each one that applies.)		
<input checked="" type="checkbox"/>	Reliability Authority	Ensures the reliability of the bulk transmission system within its Reliability Authority area. This is the highest Reliability Authority.
<input checked="" type="checkbox"/>	Balancing Authority	Integrates resource plans ahead of time, and maintains load-interchange-resource balance within its metered boundary and supports system frequency in real time.
<input type="checkbox"/>	Interchange Authority	Authorizes valid and balanced Interchange Schedules.
<input checked="" type="checkbox"/>	Planning Authority	Plans the Bulk Electric System.
<input checked="" type="checkbox"/>	Resource Planner	Develops a long-term (>one year) plan for the resource adequacy of specific loads within a Planning Authority area.
<input checked="" type="checkbox"/>	Transmission Planner	Develops a long-term (>one year) plan for the reliability of transmission systems within its portion of the Planning Authority area.
<input checked="" type="checkbox"/>	Transmission Service Provider	Provides transmission services to qualified market participants under applicable transmission service agreements
<input checked="" type="checkbox"/>	Transmission Owner	Owns transmission facilities.
<input checked="" type="checkbox"/>	Transmission Operator	Operates and maintains the transmission facilities, and executes switching orders.
<input checked="" type="checkbox"/>	Distribution Provider	Provides and operates the "wires" between the transmission system and the customer.
<input checked="" type="checkbox"/>	Generator Owner	Owns and maintains generation unit(s).
<input checked="" type="checkbox"/>	Generator Operator	Operates generation unit(s) and performs the functions of supplying energy and Interconnected Operations Services.
<input checked="" type="checkbox"/>	Purchasing-Selling Entity	The function of purchasing or selling energy, capacity, and all necessary Interconnected Operations Services as required.
<input checked="" type="checkbox"/>	Market Operator	Integrates energy, capacity, balancing, and transmission resources to achieve an economic, reliability-constrained dispatch.
<input checked="" type="checkbox"/>	Load-Serving Entity	Secures energy and transmission (and related generation services) to serve the end user.

NERC Reliability and Market Interface Principles

Applicable Reliability Principles (Check box for all that apply.)	
<input checked="" type="checkbox"/>	1. Interconnected bulk electric systems shall be planned and operated in a coordinated manner to perform reliably under normal and abnormal conditions as defined in the NERC Standards.
<input checked="" type="checkbox"/>	2. The frequency and voltage of interconnected bulk electric systems shall be controlled within defined limits through the balancing of real and reactive power supply and demand.
<input checked="" type="checkbox"/>	3. Information necessary for the planning and operation of interconnected bulk electric systems shall be made available to those entities responsible for planning and operating the systems reliably.
<input checked="" type="checkbox"/>	4. Plans for emergency operation and system restoration of interconnected bulk electric systems shall be developed, coordinated, maintained and implemented.
<input checked="" type="checkbox"/>	5. Facilities for communication, monitoring and control shall be provided, used and maintained for the reliability of interconnected bulk electric systems.
<input checked="" type="checkbox"/>	6. Personnel responsible for planning and operating interconnected bulk electric systems shall be trained, qualified, and have the responsibility and authority to implement actions.
<input checked="" type="checkbox"/>	7. The security of the interconnected bulk electric systems shall be assessed, monitored and maintained on a wide area basis.
<input checked="" 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? (Select 'yes' or 'no' from the drop-down box.)	
1. The planning and operation of bulk electric systems shall recognize that reliability is an essential requirement of a robust North American economy. Yes	
2. A MRO Regional Reliability Standard shall not give any market participant an unfair competitive advantage. Yes	
3. A MRO Regional Reliability Standard shall neither mandate nor prohibit any specific market structure. Yes	
4. A MRO Regional Reliability Standard shall not preclude market solutions to achieving compliance with that Standard. Yes	
5. A MRO Regional 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. Yes	

Related Standards

Standard No.	Explanation

Related SARs

SAR ID	Explanation

Regional Differences

Region	Explanation
ERCOT	
FRCC	
MRO	
NPCC	
SERC	
RFC	
SPP	
WECC	