

Standard Authorization Request Form

E-mail completed form to rsm@texasre.org

Title of Proposed Standard:	ERCOT-Specific Sabotage Reporting Regional Standard
Request Date	April 18, 2008

SAR Requester Information	SAR Type (Check a box for each one that applies.)	
Name Tony Shiekhi / Jeff Whitmer	☒	New Standard
Primary Contact Tony Shiekhi	☐	Revision to existing Standard
	☐	Revision to the Standard Development Process
Telephone 512-225-7131	☐	Withdrawal of existing Standard
Fax 512-225-7165	☐	Variance to a NERC Standard (Indicate which one)
E-mail Tony.Shiekhi@texasre.org Jeff.Whitmer@texasre.org	☐	Urgent Action

Purpose (Describe what the standard action will achieve in support of bulk power system reliability.)

This regional standard is intended to minimize the impact of a sabotage event on the ERCOT Bulk Power System (BPS) by ensuring that the proper entities have procedures for recognizing such events, training personnel, communicating to other entities, and informing the appropriate authorities during a cyber- or physical-sabotage event.

Industry Need (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.)

NERC CIP-001 requires that each Reliability Coordinator (RC), Balancing Authority (BA), Transmission Operator (TOP), Generation Operator (GOP), and Load Serving Entity (LSE) have procedures for recognizing and for making operating personnel aware of sabotage events, and communicating information concerning sabotage events to appropriate "parties" in the Interconnection.

To support the reliability of ERCOT BPS during a sabotage event, this standard proposes to include additional entities Distribution Provider (DP), Generation Owner (GO), Transmission Planner (TP), and Transmission Owner (TO) (and others as needed) to disallow for any possible communication gap and prevent any possible absence of reporting in the case of such an event. While current regional auditing procedures do require a chain of communication to promote timely communications in the event of sabotage, these auditing requirements would not be enforceable to the same degree as a standard would be in the event of a failed communication of a sabotage event.

Brief Description (Provide a paragraph that describes the scope of this standard action.)

This regional standard is intended to complete the chain of communication among the appropriate parties within the ERCOT Interconnection for reporting disturbances due to sabotage events. This standard would serve to include additional functional entities required to comply with the requirements per NERC CIP-001-1 and to begin the reporting process in the event of sabotage on the system.

Detailed Description (Provide a description of the proposed project with sufficient details for the standard drafting team to execute the SAR.)

In the ERCOT Region, some of the operating entities (e.g., GOP, TOP) are not physically located at the sites. In many cases, the operating entities are removed from some of the minute-by-minute responsibilities of plant operations and therefore may be less able to react to such events as physical sabotage at the location/ plant in a timely manner. The concern is that in the case of a sabotage event a gap in reporting may jeopardize the reliability in the ERCOT BPS and the reporting of the event to the governmental agencies and regulatory bodies.

Possible NERC standards to be reviewed are:

CIP-001-1 Sabotage Reporting

COM-001-1 Telecommunication

COM-002-2 Communication and Coordination

Reliability Functions

For a more detailed description of the Reliability Functions, please refer to [NERC Function Model V3](#)

The Standard will Apply to the Following Functions (Check box for each one that applies.)	
☒ Transmission Owner	☐ Transmission Service Provider
☒ Generator Owner	☒ Generator Operator
☒ Balancing Authority	☐ Interchange Authority
☒ Reliability Coordinator	☐ Purchasing-Selling Entity
☐ Resource Planner	☒ Load-Serving Entity
☒ Distribution Provider	☐ Planning Coordinator
☒ Transmission Planner	☒ Transmission Operator

Reliability and Market Interface Principles

Applicable Reliability Principles (Check box for all that apply.)	
☐	1. Interconnected bulk power systems shall be planned and operated in a coordinated manner to perform reliably under normal and abnormal conditions as defined in the NERC Standards.
☐	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.
☐	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.
☐	4. Plans for emergency operation and system restoration of interconnected bulk power systems shall be developed, coordinated, maintained and implemented.

☐	5. Facilities for communication, monitoring and control shall be provided, used and maintained for the reliability of interconnected bulk power systems.
☐	6. Personnel responsible for planning and operating interconnected bulk power systems shall be trained, qualified, and have the responsibility and authority to implement actions.
☐	7. The security of the interconnected bulk power systems shall be assessed, monitored and maintained on a wide area basis.
☒	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. A reliability standard shall not give any market participant an unfair competitive advantage. Yes	
2. A reliability standard shall neither mandate nor prohibit any specific market structure. Yes	
3. A reliability standard shall not preclude market solutions to achieving compliance with that standard. Yes	
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. Yes	

Related Standards

Standard No.	Explanation
CIP-001-1	Sabotage Reporting

Related SARs

SAR ID	Explanation