

When completed, e-mail to: mark.ladrow@nerc.net

Standard Authorization Request Form

Title of Proposed Standard	EOP-004-1
Request Date	12/19/2005

SAR Requestor Information	SAR Type (Put an 'x' in front of one of these selections)	
Name John Theotonio	<input type="checkbox"/>	New Standard
Primary Contact John Theotonio	<input checked="" type="checkbox"/>	Revision to existing Standard
Telephone 609 452 8060 Fax 609 452 9550	<input type="checkbox"/>	Withdrawal of existing Standard
E-mail john.theotonio@nerc.net	<input type="checkbox"/>	Urgent Action

Purpose/Industry Need (Provide one or two sentences)

The United States Department of Energy (DOE) recently superceded form EIA-417 with OE-417. The Attachments to EOP-004-0 Disturbance Reporting include reference and text from EIA-417 as well as mirroring some of the reporting requirements included in EIA-417. The standard needs to be modified to reflect the new DOE OE-417.

Reliability Functions

The Standard will Apply to the Following Functions (Check box for each one that applies by double clicking the grey boxes.)		
<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 type="checkbox"/>	Planning Authority	Plans the bulk electric system
<input type="checkbox"/>	Transmission Service Provider	Provides transmission services to qualified market participants under applicable transmission service agreements
<input type="checkbox"/>	Transmission Owner	Owens transmission facilities
<input checked="" type="checkbox"/>	Transmission Operator	Operates and maintains the transmission facilities, and executes switching orders
<input type="checkbox"/>	Distribution Provider	Provides and operates the “wires” between the transmission system and the customer
<input checked="" type="checkbox"/>	Generator	Owens and operates generation unit(s) or runs a market for generation products that performs the functions of supplying energy and interconnected operations services
<input 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"/>	Load-Serving Entity	Secures energy and transmission (and related generation services) to serve the end user

Reliability and Market Interface Principles

Applicable Reliability Principles (Check boxes 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 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 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.
Does the proposed Standard comply with all of the following Market Interface Principles? (Select 'yes' or 'no' from the drop-down box by double clicking the grey area.)	
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. An Organization Standard shall not give any market participant an unfair competitive advantage. Yes	
3. An Organization Standard shall neither mandate nor prohibit any specific market structure. Yes	
4. An Organization Standard shall not preclude market solutions to achieving compliance with that Standard. Yes	
5. An Organization 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	

Scope (Provide enough detail so that an independent entity familiar with the industry could draft, modify, or withdraw a Standard based on this description.)

The United States Department of Energy (DOE) recently superceded form EIA-417 with OE-417. The Attachments to EOP-004-0 Disturbance Reporting include reference and text from EIA-417 as well as mirroring some of the reporting requirements included in EIA-417. EOP-004-0 needs to be modified to reflect the new DOE OE-417. The scope of the effort would be to modify the attachments (1&2) to EOP-004-0 to make them consistent with the new DOE OE-417.

Related Standards

Standard No.	Explanation
IRO-004-0	Attachments 1 and 2

Related SARs

SAR ID	Explanation

Regional Differences

Region	Explanation
ECAR	
ERCOT	
FRCC	
MAAC	
MAIN	
MAPP	

NPCC	
SERC	
SPP	
WECC	

Related NERC Operating Policies or Planning Standards

ID	Explanation