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sarcomm@nerc.com*

Standard Authorization Request Form

Request Date	August 30, 2011
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SAR Requester Information	SAR Type (Check a box for each one that applies.)	
Individual, Group, or Committee Name Andrew Rodriguez	<input type="checkbox"/>	New Standard
Primary Contact (if Group or Committee) Andrew Rodriguez	<input checked="" type="checkbox"/>	Revision to existing Standard
Company or Group Name NERC	<input type="checkbox"/>	Withdrawal of existing Standard
E-mail andy.rodriquez@nerc.net	<input type="checkbox"/>	Project Identified in Reliability Standards Development Plan (Project Number and Name:)
Telephone 404-446-2560	<input type="checkbox"/>	Modification to NERC Glossary term or addition of new term

<p>Brief Description of Proposed Standard Modifications/Actions (In three sentences or less, summarize the proposed actions a drafting team will be responsible for implementing.) This SAR proposes to modify MOD-028-1 R3.1 to address an ambiguity in the standard.</p>
<p>Need (Explain why the Standard is being developed or modified. Clearly indicate why the actions being proposed are needed for maintaining or improving bulk power system reliability, including an assessment of the reliability and market interface impacts. This is similar to the Purpose statement in a Reliability Standard.) N/A</p>
<p>Goals (Describe what must be accomplished in order to meet the above need. This section would become the Requirements in a Reliability Standard.) N/A</p>
<p>Objectives and/or Potential Future Metrics (Describe what the potential measure or criteria for success may be for determining the successful implementation of this request. Provide ideas for potential metrics to be developed and monitored in the future relative to this request, if any.) N/A</p>
<p>Detailed Description (In three paragraphs or more, provide a detailed description of the</p>

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proposed actions a drafting team will be responsible for executing so that the team can efficiently implement this request. While you will check applicability boxes on the following page, this description must include proportional identification of to whom the standard should apply among industry participants.)

Sub-requirement R3.1 of MOD-028-1 states the following:

R3.1 For on-peak and off-peak intra-day and next-day TTCs, use the following (as well as any other values and additional parameters as specified in the ATCID):

NERC received a request to interpret this sub-requirement. The requester stated:

By using the words “on-peak”, “off-peak”, and “intra-day” this requirement implies there would have to be separate TTC numbers for different portions of the current day. However, R5 of MOD28 establishes the calculation frequencies and only requires an update to TTC once within the 7 days prior to the specified period where they are used in an ATC calculation. The clarification needed is on the ATC Drafting Team’s intent with respect to the quantity and timing of individual TTC calculations needed for use in the ATC calculations. Adherence to the implied intra day calculation requirement of R3.1 is resulting in additional work and creating coordination issues with other parties which are not calculating intra day TTC values.

While the Interpretation team was preparing its Interpretation, the Standards Committee requested the Interpretation Team use a “rapid modification” approach to clarify the requirement in question directly. The Interpretation Team is proposing the attached modification to the standard in lieu of an Interpretation.

Because FERC has not yet rules on the VRFs for this standard, they have been marked as PENDING in order to not distract from the discussion of the modification.

OPTIONAL: Technical Analysis Performed to Support Justification (Provide the results of any technical study or analysis performed to justify this request. Alternatively, if deemed necessary, propose a technical study or analysis that should be performed prior to a related standard development project being initiated in response to this request.)

N/A

Reliability Functions

The Standard(s) May Apply to the Following Functions (Check box for each one that applies.)		
<input type="checkbox"/>	Regional Entity	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 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 type="checkbox"/>	Balancing	Integrates resource plans ahead of time, and maintains load-

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	Authority	interchange-resource balance within a Balancing Authority Area and 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 checked="" 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 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 <i>(Check box for all that apply.)</i>	
<input checked="" type="checkbox"/>	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.
<input type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input type="checkbox"/>	6. Personnel responsible for planning and operating interconnected bulk power 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 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(s) comply with all of the following Market Interface Principles? <i>(Select 'yes' or 'no' from the drop-down box.)</i>	
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	

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Related Standards

Standard No.	Explanation

Related Projects

Project ID and Title	Explanation

Regional Variances

Region	Explanation
ERCOT	
FRCC	
MRO	
NPCC	
SERC	
RFC	
SPP	
WECC	