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Standard Authorization Request Form

Title of Proposed Standard	BAL-006-1 Inadvertent Interchange Data
Request Date	March 15, 2006

SAR Requestor Information		SAR Type (Check a box for each one that applies.)	
Name	Resources Subcommittee	<input type="checkbox"/>	New Standard
Primary Contact	Don Badley, RS Inadvertent Interchange Task Force Chairman	<input checked="" type="checkbox"/>	Revision to existing Standard
Telephone	(503) 464-2805	<input type="checkbox"/>	Withdrawal of existing Standard
Fax	(503) 464-2819		
E-mail	don@nwpp.org	<input type="checkbox"/>	Urgent Action

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

The Resources Subcommittee (RS) proposes revising BAL-006-0, Inadvertent Interchange, to expand the Balancing Authority's Inadvertent Interchange reliability requirements, calculations, and measures; add Inadvertent Interchange dispute resolution methodology; and add regional differences to address MISO and SPP use of "scheduling agents"

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

The Resources Subcommittee recommends incorporating Inadvertent Interchange payback reliability requirements into this standard to maintain Interconnection frequency within a predefined frequency profile under all conditions. As long as unilateral payback is based on the ACE equation (and includes a limiting factor of ACE - Lsub10) it has significant reliability implications.

Supporting Documentation: Standard BAL-006-0, Inadvertent Interchange; Inadvertent Interchange Accounting Training Document; NAESB WEQ Inadvertent Interchange Payback Standards - WEQBPS-005-000: Copyright 1996-2005 NAESB, Reproduced with NAESB's Permission

Note: The SAR Drafting Team will work cooperatively with NAESB to revise this standard to assure it is developed in harmony with the NAESB business practices standard(s).

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

The proposed BAL-006-1, Inadvertent Interchange Data will:

- 1) Add new title and purpose to appropriately describe the standard
- 2) Clarify language
- 3) Add NAESB v0 Inadvertent Interchange Payback business practices - since Inadvertent Interchange payback affects frequency and are considered reliability requirements - the unilateral Inadvertent Interchange payback control offset is based on the ACE equation and is limited to the Balancing Authority's Lsub10 limit. As long as unilateral payback is based on the ACE equation (and includes a limiting factor of ACE - Lsub10) it reflects reliability implications.
- 4) Add Inadvertent Interchange calculations, requirements, and measures
- 5) Add Inadvertent Interchange dispute resolution requirements
- 6) Expand of regional differences to address MISO and SPP's use of "scheduling agents"

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Reliability Functions

The Standard will Apply to the Following Functions <i>(Check box for each one that applies.)</i>		
<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 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"/>	Resource Planner	Develops a long-term (>one year) plan for the resource adequacy of specific loads within a Planning Authority area.
<input 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 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 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 type="checkbox"/>	Generator Owner	Owens and maintains generation unit(s).
<input type="checkbox"/>	Generator Operator	Operates generation unit(s) and 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 type="checkbox"/>	Market Operator	Integrates energy, capacity, balancing, and transmission resources to achieve an economic, reliability-constrained dispatch.
<input 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 <i>(Check box for all that apply.)</i>	
<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 type="checkbox"/>	4. Plans for emergency operation and system restoration of interconnected bulk electric 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 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 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? <i>(Select 'yes' or 'no' from the drop-down box.)</i>	
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	

Related Standards

Standard No.	Explanation
BAL-006-0	This SAR revises this standard.
NAESB WEQ Inadvertent Interchange Payback Standards - WEOBPS - 005-000	The RS recommends including all of the identified NAESB standards into the BAL-006-1 reliability standard because of the reliability implications, except the designation of the "On-Peak" and "Off-Peak" periods.

Related SARs

SAR ID	Explanation

Regional Differences

Region	Explanation
ERCOT	
FRCC	
MRO	MISO and SPP Use of "Scheduling Agents"
NPCC	
SERC	
RFC	MISO and SPP Use of "Scheduling Agents"
SPP	MISO and SPP Use of "Scheduling Agents"
WECC	