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## Standard Authorization Request Form

Title of Proposed Standard <b>Relief IRO-006</b>	<b>Reliability Coordination – Transmission Loading</b>
Request Date	04/15/05

<b>SAR Requestor Information</b>	<b>SAR Type</b> (Put an 'x' in front of one of these selections)
Name Douglas E. Hils	<input type="checkbox"/> New Standard
Primary Contact Douglas E. Hils	<input checked="" type="checkbox"/> Revision to existing Standard
Telephone (513) 287-2149	<input type="checkbox"/> Withdrawal of existing Standard
Fax (513) 287-3812	
E-mail doug.hils@cinergy.com	<input checked="" type="checkbox"/> Urgent Action

### **Purpose/Industry Need** (Provide one or two sentences)

This SAR is required to correct a conflict between INT-004 Requirement 5 and the IRO-006 Attachment 1 concerning Dynamic Schedules.

## 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 checked="" 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 (>1year) plan for the resource adequacy of specific loads within a Planning Authority area.
<input type="checkbox"/>	Transmission Planner	Develops a long-term (>1 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	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 Owner	Owens 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

## Reliability and Market Interface Principles

<b>Applicable Reliability Principles</b> (Check boxes for all that apply by double clicking the grey boxes.)	
<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 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 checked="" type="checkbox"/>	7. The security of the interconnected bulk electric systems shall be assessed, monitored and maintained on a wide area basis.
<b>Does the proposed Standard comply with all of the following Market Interface Principles?</b> (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

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

This SAR is required to correct clarify a conflict between INT-004 Requirement 5 and the TLR Standard IRO-006 Attachment 1 concerning Dynamic Schedules. **Currently the IDC does not allow entities to comply with INT-004 Requirement 5 during TLR conditions due to a software problem.** At the December 2004 joint Operating Committee subcommittee meeting, the subcommittee approved the following motion to correct the conflict: "If the E-Tag is identified as the type "Dynamic," and the transmission service is considered firm according to the constrained path method, then it will not be held by the IDC during TLR level 4 or lower." The joint ORS/IS met in February 2005 and approved a recommendation to revise IRO-006 and requested an urgent action SAR be drafted. **This change needs to be completed as an Urgent Action SAR because currently when a Dynamic Schedule is outside the band mentioned in INT-004 R.5.1 or 5.2 and the PSE attempts to comply with requirement 5 of INT-004 the IDC holds the transaction. The current software treats adjusted firm dynamic transactions that are already flowing as new transactions and holds them. This means PSE can not update the IDC during TLR level 3 greater conditions for a transaction that is already flowing. Because the IDC places a hold on the flowing PSE adjusted schedule the IDC is not being updated with the actual value of flowing Dynamic Schedules. This is not the intent of the reallocation process or the expected operation of the IDC so an Urgent Action on this SAR is requested to ensure the quickest resolution to this reliability issue with both the tool and the standards conflict. IRO-006 is requested to be changed to clarify the intent of the TLR procedure regarding this matter. The ORS, IDWG and IS agree with the requested modification to IRO-006 and the IS request this be handled as an Urgent Action SAR.** The Interchange Subcommittee is drafting this Urgent Action SAR in order to make the changes to the Standard in coordination with the software changes which can be implemented by June 2005. This software change will allow for compliance with INT-004 and we are requesting additional clarifying language to be added to the TLR procedure so it is understood that the IDC will not hold Dynamic Schedule transactions that are being modified in accordance with INT-004.

***Related Standards***

Standard No.	Explanation
INT-004	This change is being made so that when required tag adjustments are made in accordance with INT-004 R.5, the schedules will not be held.

***Related SARs***

SAR ID	Explanation


***Regional Differences***

<b>Region</b>	<b>Explanation</b>
ECAR	
ERCOT	
FRCC	
MAAC	
MAIN	
MAPP	
NPCC	
SERC	
SPP	
WECC	

***Related NERC Operating Policies or Planning Standards***

<b>ID</b>	<b>Explanation</b>