

A. Introduction

1. Title: Interchange Transaction Implementation

2. Number: INT-003-0

3. Purpose:

To ensure Balancing Authorities confirm Interchange Schedules with Adjacent Balancing Authorities prior to implementing the schedules in their Area Control Error (ACE) equations. To ensure Balancing Authorities incorporate all confirmed Schedules into their ACE equations.

4. Applicability

4.1. Balancing Authorities.

5. Effective Date: April 1, 2005

B. Requirements

R1. Each Receiving Balancing Authority shall confirm Interchange Schedules with the Sending Balancing Authority prior to implementation in the Balancing Authority's ACE equation.

R1.1. The Sending Balancing Authority and Receiving Balancing Authority shall agree on:

R1.1.1. Interchange Schedule start and end time.

R1.1.2. Energy profile.

R1.1.3. Ramp start time and duration (Balancing Authorities shall use the Ramp duration established for their Interconnection unless they agree to an alternative Ramp duration.) Default Ramps durations are as follows:

- Default Ramp duration for the Eastern Interconnection shall be 10 minutes equally across the Interchange Schedule start and end times.
- Default Ramp duration for the Western Interconnection shall be 20 minutes equally across the Interchange Schedule start and end times.
- Ramp durations for Interchange Schedules implemented for compliance with NERC's Disturbance Control Standard (recovery from a disturbance condition) and Interchange Transaction curtailment in response to line loading relief procedures may be shorter than the above defaults, but must be identical for the Sending Balancing Authority and Receiving Balancing Authority.

R1.2. If a high voltage direct current (HVDC) tie is on the Scheduling Path, then the Sending Balancing Authorities and Receiving Balancing Authorities shall coordinate the Interchange Schedule with the Transmission Operator of the HVDC tie.

R1.3. Balancing Authorities that implement Interchange Schedules that cross an Interconnection boundary shall use the same start time and Ramp durations.

R2. Balancing Authorities shall implement Interchange Schedules only with Adjacent Balancing Authorities.

R3. Balancing Authorities shall begin and end Interchange Schedules at a time agreed to by the Source Balancing Authority, Sink Balancing Authority, and Intermediate Balancing Authorities.

R4. The Sink Balancing Authority shall be responsible for initiating implementation of each Interchange Transaction as tagged. Upon receiving composite approval from the Sink

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Balancing Authority, each Balancing Authority on the scheduling path shall enter confirmed Schedules into its Automatic Generation Control ACE equation.

- R5.** Balancing Authorities shall operate such that Interchange Schedules do not knowingly cause any other systems to violate established operating criteria.
- R6.** Balancing Authorities shall operate such that the maximum Net Interchange Schedule between any two Balancing Authorities does not exceed the lesser of:
 - R6.1.** The total capacity of both the owned and arranged-for transmission facilities in service for any Transmission Service Provider along the path, or
 - R6.2.** The established network Total Transfer Capability between Balancing Authorities, which considers other transmission facilities available to them under specific arrangements, and the overall physical constraints of the transmission network.

C. Measures

Not specified.

D. Compliance

Not specified.

E. Regional Differences

1. [MISO Scheduling Agent Waiver](#) dated November 21, 2002.
2. [MISO Enhanced Scheduling Agent Waiver](#) dated July 16, 2003.
3. [MISO Energy Flow Information Waiver](#) dated July 16, 2003.

Version History

Version	Date	Action	Change Tracking
0	April 1, 2005	Effective Date	New
0	August 8, 2005	Removed "Proposed" from Effective Date	Errata