

A. Introduction

1. **Title:** Interchange Authority Distributes Arranged Interchange
2. **Number:** INT-005-23
3. **Purpose:** To ensure that the implementation of Interchange between Source and Sink Balancing Authorities is distributed by an Interchange Authority such that Interchange information is available for reliability assessments.
4. **Applicability**
 - 4.1. Interchange Authority.
5. **Proposed Effective Date:** ~~Upon approval of Board of Trustees~~ First day of first quarter after applicable regulatory approval, or in those jurisdictions where no regulatory approval is required, first day of first quarter after Board of Trustees adoption.

B. Requirements

- R1. Prior to the expiration of the time period defined in the Timing Table, Column A, the Interchange Authority shall distribute the Arranged Interchange information for reliability assessment to all reliability entities involved in the Interchange.
 - R1.1. When a Balancing Authority or Reliability Coordinator initiates a Curtailment to Confirmed or Implemented Interchange for reliability, the Interchange Authority shall distribute the Arranged Interchange information for reliability assessment only to the Source Balancing Authority and the Sink Balancing Authority.

C. Measures

- M1. For each Arranged Interchange, the Interchange Authority shall be able to provide evidence that it has distributed the Arranged Interchange information to all reliability entities involved in the Interchange within the applicable time frame.

D. Compliance

1. **Compliance Monitoring Process**
 - 1.1. **Compliance Monitoring Responsibility**

Regional Reliability Organization.
 - 1.2. **Compliance Monitoring Period and Reset Time Frame**

The Performance-Reset Period shall be twelve months from the last non-compliance to Requirement 1.
 - 1.3. **Data Retention**

The Interchange Authority shall keep 90 days of historical data. The Compliance Monitor shall keep audit records for a minimum of three calendar years.
 - 1.4. **Additional Compliance Information**

Each Interchange Authority shall demonstrate compliance to the Compliance Monitor within the first year that this standard becomes effective or the first year the entity commences operation by self-certification to the Compliance Monitor.

Subsequent to the initial compliance review, compliance may be:

 - 1.4.1 Verified by audit at least once every three years.
 - 1.4.2 Verified by spot checks in years between audits.
 - 1.4.3 Verified by annual audits of noncompliant Interchange Authorities, until compliance is demonstrated.

1.4.4 Verified at any time as the result of a specific complaint of failure to perform R1. Complaints must be lodged within 60 days of the incident. The Compliance Monitor will evaluate complaints.

Each Interchange Authority shall make the following available for inspection by the Compliance Monitor upon request:

1.4.5 For compliance audits and spot checks, relevant data and system log records for the audit period which indicate the Interchange Authority’s distribution of all Arranged Interchange information to all reliability entities involved in an Interchange. The Compliance Monitor may request up to a three month period of historical data ending with the date the request is received by the Interchange Authority.

1.4.6 For specific complaints, only those data and system log records associated with the specific Interchange event contained in the complaint which indicate that the Interchange Authority distributed the Arranged Interchange information to all reliability entities involved in that specific Interchange.

2. Levels of Non-Compliance

2.1. Level 1: One occurrence¹ of not distributing information to all involved reliability entities as described in R1.

2.2. Level 2: Two occurrences¹ of not distributing information to all involved reliability entities as described in R1.

2.3. Level 3: Three occurrences¹ of not distributing information to all involved reliability entities as described in R1.

2.4. Level 4: Four or more occurrences¹ of not distributing information to all involved reliability entities as described in R1 or no evidence provided.

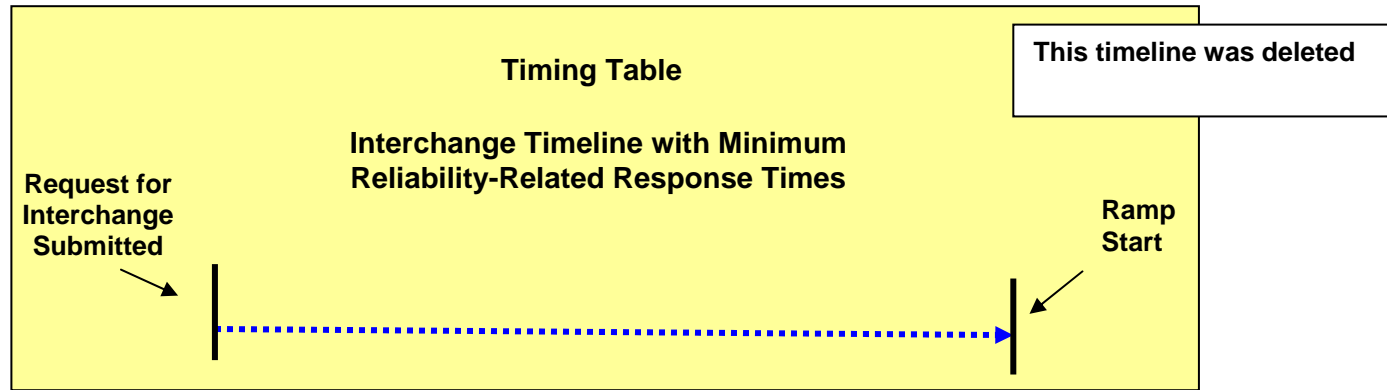
E. Regional Differences

None

Version History

Version	Date	Action	Change Tracking

¹ This does not include instances of not distributing information due to extenuating circumstances approved by the Compliance Monitor.



Timing Requirements for all Interconnections Except WECC

		A	B	C	D	
If Actual Arranged Interchange (RFI) ² is Submitted	<u>If Assigned Time Classification</u>	IA Makes Initial Distribution of Arranged Interchange	BA and TSP Conduct Reliability Assessments IA Verifies Reliability Data Complete	IA Compiles and Distributes Status	BA Prepares Confirmed Interchange for Implementation	Minimum Total Reliability Period (Columns A through D)
<u>≤ 1 hour prior to ramp start > 1 hour after the RFI start time</u>	<u>ATF</u>	≤ 1 minute from RFI submission	<u>< 10 minutes from Arranged Interchange receipt from IA for all Interconnections except WECC</u> <u>Response not required</u> <u>Entities have up to 2 hours to respond if they choose</u>	≤ 1 minute from receipt of all Reliability Assessments	<u>≥ 3 minutes prior to ramp start</u> <u>N/A</u>	<u>15 minutes</u>

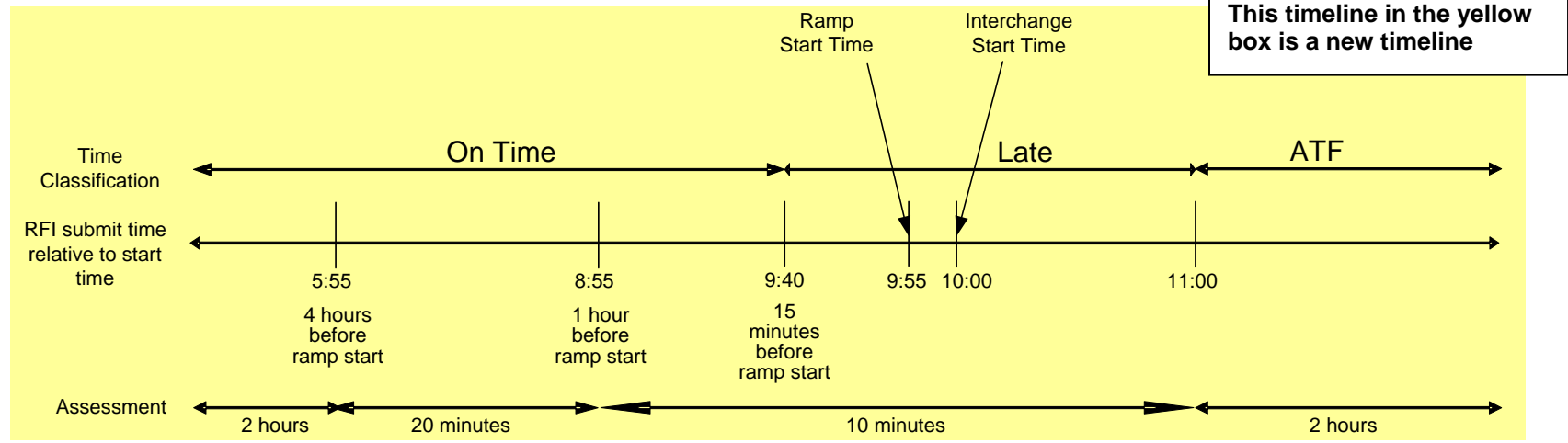
² Time classifications and deadlines apply to both initial Arranged Interchange submittal and any subsequent modifications to the Arranged Interchange.

Timing Requirements for all Interconnections Except WECC, continued

		A	B	C	D	
If Actual Arranged Interchange (RFI) ³ is Submitted	<u>If Assigned Time Classification</u>	IA Makes Initial Distribution of Arranged Interchange	BA and TSP Conduct Reliability Assessments	IA Compiles and Distributes Status	BA Prepares Confirmed Interchange for Implementation	
≤ 20 minutes prior to ramp start < 15 minutes prior to ramp start and < 1 hour after the RFI start time	<u>Late</u>	≤ 1 minute from RFI submission	≤ 5 minutes from Arranged Interchange receipt from IA for WECC Response not required Entities have up to 10 minutes to respond if they choose	≤ 1 minute from receipt of all Reliability Assessments	≤ 3 minutes prior to ramp start 3 minutes after receipt of confirmed RFI	10 minutes
< ≥ 20 minutes to ≤ 1 hour prior to ramp start 1 hour and > 15 minutes prior to ramp start	<u>On-time</u>	≤ 1 minute from RFI submission	≤ 10 minutes from Arranged Interchange receipt from IA for WECC	≤ 1 minute from receipt of all Reliability Assessments	≥ 3 minutes prior to ramp start	15 minutes
≥ 1 hour to < 4 hours prior to ramp start	<u>On-time</u>	≤ 1 minute from RFI submission	≤ 20 minutes from Arranged Interchange receipt from IA	≤ 1 minute from receipt of all Reliability Assessments	≥ 39 minutes prior to ramp start	1 hour plus 1 minute
≥ 4 hours prior to ramp start	<u>On-time</u>	≤ 1 minute from RFI submission	≤ 2 hours from Arranged Interchange receipt from IA	≤ 1 minute from receipt of all Reliability Assessments	≥ 1 hour 58 minutes prior to ramp start	4 hours

³ Time classifications and deadlines apply to both initial Arranged Interchange submittal and any subsequent modifications to the Arranged Interchange.

Timing Requirements for all Interconnections Except WECC



Timing Requirements for WECC

		<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>
<u>If Arranged Interchange (RFI)⁴ is Submitted</u>	<u>IA Assigned Time Classification</u>	<u>IA Makes Initial Distribution of Arranged Interchange</u>	<u>BA and TSP Conduct Reliability Assessments</u>	<u>IA Compiles and Distributes Status</u>	<u>BA Prepares Confirmed Interchange for Implementation</u>
<u>>1 hour after the start time</u>	<u>ATF</u>	<u>< 1minute from RFI submission</u>	<u>Response not required. Entities have up to 2 hours to respond if they choose.</u>	<u>< 1minute from receipt of all Reliability Assessments</u>	<u>NA</u>
<u><10 minutes prior to ramp start and <1 hour after the start time</u>	<u>Late</u>	<u>< 1minute from RFI submission</u>	<u>Response not required. Entities have up to 10 minutes to respond if they choose.</u>	<u>< 1minute from receipt of all Reliability Assessments</u>	<u>< 3 minutes after receipt of confirmed RFI</u>
<u>10 minutes prior to ramp start</u>	<u>On-time</u>	<u>< 1minute from RFI submission</u>	<u>< 5 minutes from Arranged Interchange receipt from IA</u>	<u>< 1minute from receipt of all Reliability Assessments</u>	<u>> 3 minutes prior to ramp start</u>
<u>11 minutes prior to ramp start</u>	<u>On-time</u>	<u>< 1minute from RFI submission</u>	<u>< 6 minutes from Arranged Interchange receipt from IA</u>	<u>< 1minute from receipt of all Reliability Assessments</u>	<u>> 3 minutes prior to ramp start</u>
<u>12 minutes prior to ramp start</u>	<u>On-time</u>	<u>< 1minute from RFI submission</u>	<u>< 7 minutes from Arranged Interchange receipt from IA</u>	<u>< 1minute from receipt of all Reliability Assessments</u>	<u>> 3 minutes prior to ramp start</u>
<u>13 minutes prior to ramp start</u>	<u>On-time</u>	<u>< 1minute from RFI submission</u>	<u>< 8 minutes from Arranged Interchange receipt from IA</u>	<u>< 1minute from receipt of all Reliability Assessments</u>	<u>> 3 minutes prior to ramp start</u>

⁴ Time Classifications and deadlines apply to both initial Arranged Interchange submittal and any subsequent modifications to the Arranged Interchange.

Timing Requirements for WECC, Continued

		<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>
<u>If Arranged Interchange (RFI)⁵ is Submitted</u>	<u>IA Assigned Time Classification</u>	<u>IA Makes Initial Distribution of Arranged Interchange</u>	<u>BA and TSP Conduct Reliability Assessments</u>	<u>IA Compiles and Distributes Status</u>	<u>BA Prepares Confirmed Interchange for Implementation</u>
<u>>1 hour and < 4 hours prior to ramp start</u>	<u>On-time</u>	<u>< 1minute from RFI submission</u>	<u>< 20 minutes from Arranged Interchange receipt from IA</u>	<u>< 1minute from receipt of all Reliability Assessments</u>	<u>> 39 minutes prior to ramp start</u>
<u>> 4 hours prior to ramp start</u>	<u>On-time</u>	<u>< 1minute from RFI submission</u>	<u>< 2 hours from Arranged Interchange receipt from IA</u>	<u>< 1minute from receipt of all Reliability Assessments</u>	<u>> 1 hour 58 minutes prior to ramp start</u>
<u>Submitted before 10:00 PPT with start time ≥ 00:00 PPT of following day</u>	<u>On-time</u>	<u>< 1minute from RFI submission</u>	<u>By 12:00 PPT of day the Arranged Interchange was received by the IA</u>	<u>< 1minute from receipt of all Reliability Assessments</u>	<u>> 1 hour 58 minutes prior to ramp start</u>

⁵ Time Classifications and deadlines apply to both initial Arranged Interchange submittal and any subsequent modifications to the Arranged Interchange.

Timing Requirements for WECC

This is a new timeline

