Standard Development Roadmap

This section is maintained by the drafting team during the development of the standard and will be removed when the standard becomes effective.

Development Steps Completed:

1. SAC authorized posting TTC/ATC/AFC SAR development June 20, 2005.
2. SAC authorized the SAR to be development as a standard on February 14, 2006.
3. SC appointed a standard drafting team on March 17, 2006.
4. SDT posted first draft for comment from February 15–March 16, 2007.

Description of Current Draft:

This is the second draft of the proposed standard posted for stakeholder comments. This draft represents consideration of stakeholder comments submitted with the first draft of the proposed revisions to MOD-001 as well as consideration of applicable FERC directives from FERC Order 693 and Order 890.

Future Development Plan:

Anticipated Actions	Anticipated Date
1. Respond to comments.	TBD
2. Post revised standard for stakeholder comment.	TBD
3. Respond to comments.	TBD
4. Post for 30-day pre-ballot review.	TBD
5. First ballot of standard.	TBD
6. Respond to comments.	TBD
7. Recirculation ballot.	TBD
8. 30-day posting before board adoption.	TBD
9. Board adoption.	TBD

Definitions of Terms Used in Standard

This section includes all newly defined or revised terms used in the proposed standard. Terms already defined in the Reliability Standards Glossary of Terms are not repeated here. New or revised definitions listed below become approved when the proposed standard is approved. When the standard becomes effective, these defined terms will be removed from the individual standard and added to the Glossary.

None.

A. Introduction

1. Title: **Available Transfer Capability**

2. Number: MOD-001-1

3. Purpose: To promote the consistent and uniform application and documentation of Available Transfer Capability (ATC) calculations for reliable system operations.

4. Applicability:

4.1. Planning Coordinator.

4.2. Reliability Coordinator.

4.3. Transmission Service Provider.

5. Proposed Effective Date: To be determined.

B. Requirements

R1. Each Transmission Service Provider, and its associated Planning Coordinators and Reliability Coordinators, shall agree upon and implement one or more of the ATC methodologies specified in Reliability Standard MOD-028, MOD-029, and MOD-030 for use in determining Transfer Capabilities of those Facilities under the tariff administration of that Transmission Service Provider.

R2. Each Transmission Service Provider, and its associated Planning Coordinators and Reliability Coordinators, shall apply the agreed upon ATC methodology or methodologies to calculate values for all ATC time horizons listed below:

R2.1. Scheduling horizon (same day and real-time).

R2.2. Operating horizon (day ahead and pre-schedule).

R2.3. Planning horizon (beyond the operating horizon).

R3. Each Transmission Service Provider shall make publicly available an "Available Transfer Capability Implementation Document" (ATCID) that includes, as a minimum, the following information:

R3.1. Information describing which methodology (or methodologies) has been selected and how the selected methodology (or methodologies) has been implemented, in such detail that, given the same information used by the Transmission Service Provider, the results of the ATC calculations may be validated.

R3.2. A description of the manner in which the Transmission Service Provider will account for counter-flows.

R3.3. The identity of the Planning Coordinator and Reliability Coordinator associated with each Facility under the Transmission Service Provider's tariff.

R3.4. The identity of the Transmission Service Providers to which it provides data for use in calculating transfer capability.

R3.5. The identity of the Transmission Service Providers from which it receives data for use in calculating transfer capability.

R4. The Transmission Service Provider shall notify the following entities (via electronic mail) a minimum of 14 calendar days before implementing a new or revised ATCID:

R4.1. Each Transmission Planner in the Transmission Service Provider's area.

R4.2. Each Planning Coordinator in the Transmission Service Provider's area.

R4.3. Each Reliability Coordinator in the Transmission Service Provider's area.

R4.4. Each Transmission Operator in the Transmission Service Provider's area.

R4.5. Each Planning Coordinator adjacent to the Transmission Service Provider's area.

R4.6. Each Reliability Coordinator adjacent to the Transmission Service Provider's area.

R4.7. Each Transmission Service Provider whose area is adjacent to the Transmission Service Provider's area.

R4.8. Each party that has previously requested to be notified of such actions.

R5. Each Transmission Service Provider that calculates ATC shall, at a minimum, recalculate ATC at the following frequency:

R5.1. For hourly ATC, once per hour, (on the hour), for the next 168 hours.

R5.2. For daily ATC, once per day, (at midnight prevailing time the day previous), for thirty days.

R5.3. For weekly ATC, once per day, (at midnight prevailing time on the Monday previous), for four weeks.

R5.4. For monthly ATC, once per month, (at midnight prevailing time on the first day of the month previous) for 13 months.

R6. Each Transmission Service Provider shall make the following information available to any requesting Transmission Service Provider, Planning Coordinator, Transmission Planner, Reliability Coordinator, Transmission Operator, or other party with a demonstrated reliability need (subject to security and confidentiality requirements):

R6.1. Load forecasts.

R6.2. Generation dispatch, in the form of dispatch order, participation factors, or block dispatch.

R6.3. Planned and unplanned transmission outages.

R6.4. Planned and unplanned generation outages.

R6.5. Transmission Reservations.

R6.6. Power flow models.

R6.7. Facility Ratings.

R6.8. ATC recalculation frequency and times.

R6.9. Transmission Reservation impact modeling identification, such that a source-to-sink analysis of power flow impacts could be undertaken.

C. Compliance

To be added with next posting.

D. Measures

To be added with next posting.

E. Regional Differences

None identified.

F. Associated Documents

Version History

Version	Date	Action	Change Tracking