

# Implementation Plan for Standards MOD-001, MOD-004, MOD-008, MOD-028, MOD-029, and MOD-030; ATC/TTC/AFC and CBM/TRM Revisions (Project 2006-07)

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## Summary

As part of compliance with FERC Order 890, the NERC ATC, TTC, CBM, & TRM Standards Drafting Team has prepared several standards related to the process of determining Available Transfer Capability (ATC). These standards are as follows:

- MOD-001-1 — Available Transfer Capability, which requires the selection of an ATC methodology and describes the parts of the ATC process that apply to all entities, regardless of methodology chosen.
- MOD-004-1 — Capacity Benefit Margin, which describes the reliability aspects of determining and maintaining a Capacity Benefit Margin and the conditions under which that margin may be used.
- MOD-008-1 — Transmission Reliability Margin Calculation Methodology, which describes the reliability aspects of determining and maintaining a Transmission Reliability Margin and what components of uncertainty may be considered when making that determination.
- MOD-028-1 — Area Interchange Methodology, which describes the Area Interchange methodology (previously referred to as the Network Response ATC methodology) for determining ATC.
- MOD-029-1 — Rated System Path Methodology, which describes the Rated System Path methodology for determining ATC.
- MOD-030-1 — Flowgate Methodology, which describes the Flowgate methodology (previously referred to as the Flowgate Network Response ATC methodology) for determining ATC.

## Prerequisite Approvals

There are no other reliability standards or Standard Authorization Requests (SARs), approved, that must be implemented before this set of standards can be implemented.

## Modified Standards

FAC-012, FAC-013, MOD-002, MOD-003, MOD-005, MOD-006, MOD-007, and MOD-009 should be retired when these standards become effective. These elements are either redundant, being addressed in the other standards, or are being handled by NAESB.

## Compliance with Standards

Once this set of standards becomes effective, the responsible entities identified in the applicability section of each standard must comply with the requirements. These include:

Proposed Standard	Transmission Operator	Transmission Planner	Transmission Service Provider	Balancing Authorities	Purchasing Selling Entities	Load-Serving Entities
MOD-001	■		■			
MOD-004		■	■	■		■

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MOD-008	■	■	■	■	■	■
MOD-028	■		■			
MOD-029	■		■			
MOD-030	■		■			

**Proposed Effective Date**

All requirements in the standards should become effective on the first day of the first calendar quarter that is twelve months beyond the date that all six standards are approved by applicable regulatory authorities, or in those jurisdictions where regulatory approval is not required, the Reliability Standards become effective on the first day of the first calendar quarter that is twelve months beyond the date the standards are approved by the NERC Board of Trustees. This 12-month time period is to allow entities to implement the standards (including the procurement of any new hardware or software required) and to test those implementations thoroughly.