

PJM Compliance Bulletin

CB005 NERC Standard MOD-030-02: Existing Transmission Commitments (ETC) Calculations

Purpose

The purpose of this bulletin is to document PJM's inclusion of "accepted" OASIS reservations when calculating Existing Transmission Commitments (ETC), and to clarify PJM's basis of compliance with MOD-030-~~302~~. ETC is a component of the calculation of Available Flowgate Capability (AFC).

Standard

NERC standard MOD-030-~~302~~ was approved by FERC on November 24, 2009. The standard specifies that "confirmed" reservations be included in the ETC calculation (MOD-030-~~302~~, R6.3 and R6.4 for firm commitments, and R7.1 and R7.2 for non-firm commitments). The standard does not preclude the addition of other factors in this calculation, and does allow for the inclusion of other services under R6.7 and R7.7.

PJM Current Practices

The PJM process for reserving transmission capacity consists of three steps:

1. A transmission customer must request a reservation through the OASIS (Open Access Same-Time Information System);
2. The Transmission Service Provider must then accept or reject this reservation request,
3. The transmission customer must "confirm" accepted reservations.

PJM includes both "accepted" and "confirmed" reservations in the calculation of ETC, the state prior to the reservation being confirmed by the transmission customer. This long standing practice is compliant with NAESB (North American Energy Standards Board) standard WEQ 001, titled "Business Practices for Open Access Same-Time Information Systems (OASIS)."

PJM's Basis for Compliance

PJM has determined that inclusion of accepted as well as confirmed reservations in the ETC calculation are appropriate and in compliance with standard MOD-030-~~302~~. In fact, this approach of including both types of reservations is even more conservative in calculating the ETC.

MOD-030-~~302~~ allows factors not explicitly required, to be included in the calculation of ETC.

Requirements 6.7 and 7.7 (regarding “firm” and “non-firm” services, respectively) both clearly allow for the inclusion of “other...services determined by the Transmission Service Provider.” PJM considers accepted reservations to be an appropriate addition to the calculation, and has determined that the outcome is more conservative and indicative of real time conditions than the ETC calculations detailed in R6 and R7; an ETC value that does not reflect accepted reservations would tend to give the impression that transmission capacity availability is greater than what it actually is, potentially leading to the over-subscription of service. In terms of overseeing reliable transmission service, PJM has reviewed the risk of overstating reserved capacity and has determined that it is less than the implications of overselling transmission capacity due to overstated availability.

Development History

Revision: 6	Date: - xx/xx/xx
SME:	Richard Souder, Sr. Manager, Transmission Services
Author:	Gizella Mali, Sr. Analyst II, NERC Compliance
Reviewers:	Richard Souder, Sr. Manager, Transmission Services Tom Foster, Manager NERC Compliance RSCS Members
Approver:	Michael Del Viscio, Sr. Director, Compliance & Reliability Standards
Reason for Change:	Periodic Review. Standard updated to current version.

Revision: 5	Date: 07/06/17
Author:	William Harm, Senior Consultant NERC & Regional Coordination Dept.
Reviewers:	Rich Souder, Manager, Transmission Services Mark Holman, Manager NERC and Regional Coordination Department
Approver:	Robert Eckenrod, Chief Compliance Officer Reliability & Compliance Division
Reason for Change:	Revised as a part of the annual review of compliance bulletins.

Revision: 4	Date: 09/22/2015
Author:	William Harm, Senior Engineer, NERC & Regional Coordination Dept.
Reviewers:	Rich Souder Manager, Transmission Services Mark Holman, Manager NERC and Regional Coordination Department
Approver:	Tom Bowe, Executive Director Reliability & Compliance Division
Reason for Change:	Revised as a part of the annual review of compliance bulletins. Deleted redundant text.

Revision: 3	Date: 04/25/2014
Author:	William Harm, Senior Engineer NERC & Regional Coordination Dept.
Reviewers:	Brad Hofferkamp Senior Analyst, NERC and Regional Coordination Dept. Rich Souder Manager, Transmission Services Stephanie Monzon, Manager NERC and Regional Coordination Department
Approver:	Tom Bowe, Executive Director Reliability & Compliance Division
Reason for Change:	Revised as a part of the annual review of compliance bulletins.

Revision: 2	Date: 12/1/2012
Author:	William Harm, Senior Engineer, NERC & Regional Coordination Dept.
Reviewers:	Brad Hofferkamp, Senior Analyst, NERC and Regional Coordination Dept. Rich Souder, Manager, Transmission Services Stephanie Monzon, Manager NERC and Regional Coordination Department
Approver:	Tom Bowe, Executive Director Reliability & Compliance Division

Reason for Change:	Revised as a part of the annual review of compliance bulletins. No changes identified.
--------------------	--

Revision: 1	Date: 01/11/2011
Author:	Brad Hofferkamp, Senior Analyst NERC & Regional Coordination
Reviewers:	Chris Advena, Manager, Tariff Integration Patrick Brown, Manager NERC and Regional Coordination
Approver:	Tom Bowe, Executive Director Reliability & Compliance Division
Reason for Change:	Revised as a part of the annual review of compliance bulletins. No changes identified.

Revision: 0	Date: 05/17/2010
Author:	Brad Hofferkamp, Senior Analyst NERC & Regional Coordination
Reviewers:	Chris Advena, Manager Tariff Integration Patrick Brown, Manager NERC and Regional Coordination
Approver:	Tom Bowe, Executive Director Reliability Integration Division
Reason for Change:	This is a newly developed document.