



POSTBACK METHODOLOGY IMPLEMENTATION DOCUMENT
(PMID)

Effective Date: November 28, 2016

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Revision History

Date	Description
April 1, 2010	Initial document
June 1, 2015	Periodic update and review
November 28, 2016	Summary of changes resulting from this Annual review: Miscellaneous verbiage changes to enhance clarity for reader.

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1.0 Purpose

This implementation document describes the methodology used in the calculation of Postbacks and the application Postbacks of in the calculation of Available Flowgate Capability (AFC) used in the process of approving Transmission Service Requests (TSR).

2.0 Overview

Based on NAESB Business Practice Standards Version 003 Dated November 26, 2013 and NERC MOD Standard MOD-001-1 Available Transmission System Capability NERC Adopted August 26, 2008; FERC Approved per Order 676-H on 9/18/2014. The requirements of the NAESB Business Practice Standards Version 003 regarding Postback requirements is in WEQ-001-18 and states *“The Transmission Provider shall incorporate Postbacks in the ATC posted on OASIS due to a change in status of transmission reservations or unscheduled Firm Transmission Service or other conditions according to the following Business Practice Standards WEQ-001-18.1 through WEQ-001-18.2”*

Louisville Gas and Electric Company/Kentucky Utilities Company (collectively LG&E/KU) has prepared this methodology for the determination of Postbacks and the practices to be followed in the utilization of Postbacks. LG&E/KU uses an AFC process for calculation of Available Transfer Capability (ATC) and is documented in the Available Transfer Capability Implementation Document (ATCID).

3.0 Definitions

Definitions can be found in the NERC Glossary for italicized terms.

Available Flowgate Capability (AFC)

Available Transfer Capability (ATC)

Capacity Benefit Margin (CBM)

Existing Transmission Commitments (ETC)

Flowgate

Open Access Same Time Information Services (OASIS)

Postback

Reliability Coordinator (RC)

Total Transfer Capability (TTC)

Transfer Distribution Factor (TDF)

Transmission Service Provider (TSP)

Transmission Planner (TP)

Transmission Operator (TO)

Transmission Reliability Margin (TRM)

4.0 Determination of Postback

LG&E/KU does not currently use the Postback component of the AFC equation when calculating ATC. Since ETC_{webT} and ATC values are recalculated multiple times per day, changes in reservation statuses are incorporated in the ATC values when the ETC_{webT} and ATC components are recalculated, removing the need to use Postbacks. Such changes include:

- Annulment of the reservation
- Redirect of transmission service on a firm basis
- Recall of transmission capacity

In addition, the Independent Transmission Organization (ITO) acting as the Transmission Service Provider (TSP) for LG&E/KU shall provide the releasing of unscheduled firm capacity in their calculation of non-firm Available Flowgate Capability (AFC) in the Operating Horizon. This is done by using schedules instead of reservations in the AFC calculations in the Operating Horizon.

Postbacks and Counterflows are included in the AFC_{Init} values that TVA calculates for LG&E/KU. The ITO utilizes the AFC_{Init} values calculated and supplied by TVA in their calculation of the AFC_{Final} values. TVA utilizes the Transmission Adequacy and Reliability Assessment (“TARA”) AMB engine for calculating AFC_{Init} values. The ITO uses the OASIS webTrans engine for calculating final AFC (AFC_{Final}) and ATC values.

5.0 Document Control

LG&E/KU and/or the ITO post and will maintain on Open Access Same Time Information Services (OASIS) its Postback Methodology Implementation Document (PMID), for TSPs, RCs, Planning Coordinators, TPs, and Transmission Operators, to review at anytime. LG&E/KU and/or the ITO will notify Transmission Operators, Transmission Service Providers, Reliability Coordinators, Transmission Planners, Resource Planners, and Planning Coordinators that are within or adjacent to LG&E/KU, and to the LSE's within the LG&E/KU Balancing Area footprint, any updates to this document. In addition, a PMID update notification will be sent prior to the effective date of the update.