

## ENTERGY POSTBACK METHODOLOGY

Date: 2/17/11

### WEQ 001-18 Postback Methodology

Entergy's business practice is to evaluate AFC values available for transmission service. These processes are addressed in Attachment C, D and S to Entergy's Open Access Transmission Tariff. Attachment C titled "Methodology To Assess Available Transfer Capability" provides a detailed narrative on the processes used to study any transmission service requests. The Southwest Power Pool's Independent Coordinator of Transmission ("ICT") and Entergy Transmission ("Entergy" or "Transmission Provider") work groups support the review of requests for transmission service. Transmission Customers submit transmission service requests on Entergy's OASIS. The ICT will review the request and provide System Impact Study Reports for all transmission service requests. Entergy's transmission system model will reflect any approved and confirmed transmission service requests through its introduction of these individual transactions into transmission models. Entergy uses an OATI software application called WebTrans to process transmission service requests (TSRs) and to calculate AFC values. OATI software is also used as the interface to Entergy's web OASIS.

Changes in status or a reduction in reserved transmission service capacity is adjusted in three separate time increments. These changes are accomplished in the process discussed in Attachment C and brief description is provided in subparagraphs 1. , 2. and 3 below. In between resynchronization WebTrans reevaluates TSRs after any status changes to any TSRs and adjusts the AFCs of impacted flowgates.

1. Operating Horizon – WebTrans calculates hourly Non-Firm AFC values for all hours in Day 1 and after 12:00 p.m., all hours in Day 2. This step will pick up all unscheduled firm transmission reservations and change the

unscheduled capacity to Non-Firm transmission available to the market. All Non-Firm AFC values and Response Factors for the Operating Horizon are calculated and updated at least on an hourly basis to reflect changing system conditions, including additional confirmed Transmission Service reservations and schedules. Resynchronization may be delayed in certain circumstances, including but not limited to, allowing for the archiving of data associated with the prior resynchronization. To the extent that RFCalc cannot compute a scheduled resynchronization, the last valid RFCalc resynchronization is used to post AFC values and to evaluate TSRs. In the Operating Horizon only the scheduled firm capacity is included in Existing Transmission Commitments (ETC). **Since this is the practice as stated in WEQ 001-18.1.2.2, there is no need to include postback of non-firm AFC calculations in the Operating Horizon.**

2. Planning Horizon – WebTrans calculates hourly Firm and Non-Firm values for all hours All hours for Day 2 to Day 7 and daily Firm and Non-Firm AFC values for Day 3 to Day 31. WebTrans updates both Firm AFC and Non-Firm AFC values for the Planning Horizon at least every day to reflect changing system conditions, including additional confirmed Transmission Service reservations. In between such updates, Non-Firm and Firm AFC values are decremented algebraically to reflect subsequent Transmission Service reservations.
3. Study Horizon – The ICT, using data inputs and power flows models developed by the Transmission Provider and reviewed and validated by the ICT, calculates monthly Response Factors and AFC values by conducting off-line power flow studies. The off-line planning models are developed on a rolling eighteen-month basis and are representative of monthly peak-hour conditions. WebTrans calculates both Firm and Non-Firm AFC values for the Study Horizon and updates those value at least on a monthly basis to reflect changing system conditions and additional confirmed transmission reservations. In between such updates, Non-Firm and Firm AFC values are decremented algebraically to reflect subsequent Transmission Service reservations.

**Present posting on Entergy OASIS under:**

**“Guidelines for Doing Business under**

**Entergy’s Open Access Transmission Service Tariff**

**Updated October 27, 2010**

## **VII. Release of Non-Firm ATC held under Firm Reservations**

On July 25, 2000, Entergy Transmission implemented a program that updates the posted numbers for non-firm ATC based on actual schedules received on firm reservations during the Operating Horizon. The Operating Horizon currently begins at 4:00 P.M. each day for the upcoming day. The program ingests NERC E-tags as they are implemented and updates the non-firm ATC figures accordingly. These updates usually occur within five minutes from when the E-tag is implemented. Effective August 21, 2000, Entergy will modify its business practices for the release of unscheduled ATC held under firm reservations to the non-firm market as follows:

- The Planning Horizon for a given day is defined as anytime before Noon on the prior day. The Operating Horizon for a given day will begin at Noon on the prior day.
- In the Planning Horizon, non-firm ATC will be equal to the TTC less all OASIS reservations.
- In the Operating Horizon, posted non-firm ATC numbers will be equal to the TTC less schedules under firm reservations and less non-firm reservations.
- Entergy will not release any non-firm capacity held under firm reservations until the Operating Horizon.

Entergy has chosen Noon prior day as the beginning of the Operating Horizon in order to make additional non-firm ATC available to the market when Daily Non-Firm as well as Hourly Non-Firm capacity can be purchased. Entergy will continue the practice of accepting schedules under firm reservations up to twenty minutes prior to the start of the schedules. However, please be aware that this increases the chance that non-firm schedules may be curtailed as firm schedules are submitted. Curtailments of non-firm transmission service will be based on NERC curtailment priorities.