



**Entergy Services, Inc.**  
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**Gregory D. Pierce**  
Director Transmission Compliance

December 13, 2011

**VIA ELECTRONIC FILING**

Kimberly D. Bose, Secretary  
Federal Energy Regulatory Commission  
888 First Street, N.E.  
Washington, D.C. 20426

Re: Entergy Services, Inc.; Docket No. ER05-1065-000  
Report of AFC-Related Errors

Dear Secretary Bose:

Pursuant to the Federal Energy Regulatory Commission's ("Commission") April 24, 2006 Order in *Entergy Services, Inc.*, 115 FERC ¶ 61,095 (2006) ("April 24 Order"), Entergy Services, Inc., acting as agent for the Entergy Operating Companies,<sup>1</sup> hereby notifies the Commission it has recently become aware of the following AFC-related error.

In the April 24 Order, the Commission conditionally accepted Entergy's proposal to establish an Independent Coordinator of Transmission ("ICT") for the Entergy System. As the Commission is aware, the Southwest Power Pool, Inc. acts as Entergy's ICT. In the April 24 Order, the Commission imposed an obligation for Entergy to "notify the Commission, the ICT and the Users Group within 15 days if Entergy discovers that it has lost data, or reported inaccurate data, or otherwise believes that it has mismanaged data." See April 24 Order at P 110. Accordingly, Entergy submits the following summaries of mismanaged data.

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<sup>1</sup> The Entergy Operating Companies include: Entergy Arkansas, Inc., Entergy Gulf States Louisiana, LLC, Entergy Louisiana, LLC, Entergy Mississippi, Inc., Entergy New Orleans, Inc., and Entergy Texas, Inc. The Entergy Operating Companies and Entergy Services, Inc. are referred to collectively herein as "Entergy."

### **Transmission Outage Data**

On November 29, 2011, the ICT identified that an outage for the 500/115KV Transformer at El Dorado EHV Substation was not being modeled. The outage was listed in the Transmission Automated Outage Request System (TAORS) but the automated process used for modeling outages in RFCALC for the AFC process did not download this outage. This impacted the AFC calculations in the Operating and Planning Horizons from November 2, 2011 until corrected November 29, 2011. Upon further investigation, Entergy determined that the outage input in TAORS did not include the Transformer. To preclude recurrence, Entergy will review outages submitted and include transformers in TAORS as part of the outage approval process when needed.

Not modeling these outages may have impacted AFC values and some Transmission Service Requests (TSRs) processed during the error period. Due to the complexity of data evaluation it is not technically feasible to determine the exact impact on AFCs.

Entergy manually added the outage to the AFC process on November 29, 2011 at 20:40. The exact impact to AFC calculation or specific customers is not technically feasible due to the number of TSRs potentially impacted during this time period.

### **Flowgate PMAX**

On November 30, 2011 at 08:30, the ICT identified that STRLAGN\_PMAX showed zero AFC and max FLOW for Operating and Planning Horizons in RTRFCALC. The flowgate STRLAGN\_PMAX is the PMAX flowgate for the Koch facility at Sterlington. The ICT determined that at least one customer had a firm reservation, but that there should be additional capacity available on the flowgate for other TSRs. Upon further investigation, it was discovered that the tie line connecting the KOCH bus to the STERLN bus in EMS had been incorrectly removed in State Estimator. The line was restored in the state estimator November 30, 2011, at approximately 08:50 and RTRFCALC Operating and Planning Horizons were executed to populate the FLOW and AFC values for the STRLAGN\_PMAX flowgate.

This error potentially affected customers requesting service during the time period identified above. The exact impact to AFC calculation is not technically feasible since it is not possible to determine when the line was removed in RTNET.

In the event that further information is needed, please do not hesitate to contact the undersigned.

Respectfully submitted,  
/s/Gregory D. Pierce  
Gregory D. Pierce  
Director, Transmission Compliance

Kimberly D. Bose, Secretary  
December 13, 2011  
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cc: Southwest Power Pool, Inc.  
ICT Users Group  
Service List; Docket No. ER05-1065-000

## **CERTIFICATE OF SERVICE**

I hereby certify that I have this 13th day of December, 2011, served the foregoing document upon the Southwest Power Pool, Inc., the ICT Users Group, and each person designated on the official service list compiled by the Secretary in this proceeding.

/s/ Nicole A. Livaccari

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