



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

June 8, 2010

**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."

### **EMS Network Model**

On May 25, 2011, the ICT identified that a new 500/230 KV transformer at the McAdams Substation was showing online in the AFC models but was offline in the real time system. Entergy determined that the incorrect definition of the Substation existed in the EMS Network models beginning May 24, 2011 at 1:30 PM until it was corrected May 25, 2011 at 10:00 AM by adding an outage to the model. This action prevented the transformer from being modeled until it was actually put in-service. The transformer was included in the EMS Network Models in preparation for energization that was expected on May 24, 2011; however, the energization was delayed and the outage was not added to reflect the delay.

While modeling the transformer as in-service may have resulted in incorrect AFC values, it is not technically feasible to determine the exact impact on AFCs. Additionally, Transmission Service Requests (TSRs) processed during the time the error existed could have resulted in incorrectly granting or denying service. This issue could have potentially affected customers requesting service in the Operating and Planning Horizons but it is not technically feasible to determine any specific individual customers affected during this time frame.

### **Incorrect TTC Rating**

On June 1, 2011, the ICT identified that the Total Transfer Capacity (TTC) rating for TEMP1 Flowgate on the EMS production system was incorrect in Operating and Planning Horizons. Upon further investigation, Entergy determined that on May 26, 2011 at 4:30 PM, an RFCALC savecase was put in production with an incorrect TTC rating TEMP1 Flowgate. The RFCALC savecase was created with several new TEMP flowgates that were requested due to recent storms which were impacting AFC calculations. This error resulted from a manual input into the savecase that was not changed when a revised rating was received. The TTC rating for the TEMP1 Flowgate was corrected by Entergy on June 1, 2011 at approximately 8:45 AM.

While this error potentially affected customers requesting service in Operating and Planning Horizons during the time period mentioned in this report, it is not technically feasible to determine the exact market impact.

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  
June 8, 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 8th day of June, 2010, 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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