



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

September 26, 2012

**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 summary 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."

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## **Network Model**

On September 12, 2012, the Independent Coordinator of Transmission (ICT) notified Entergy that no AFC's were showing available on the Hot Springs PMAX flowgate. Entergy determined that there was no AFC available because the source unit (ETTA G1) related to the proxy flowgate was not in service. Subsequently, it was determined that the breaker controlling the source generator was modeled as normally open, which resulted in the generator being modeled out of service. For hours four and further in the Operating Horizon and all hours of the Planning Horizon, RFCALC uses the normal status of breakers and outages to determine the topology. On September 6, 2012, the normal status of the generator breaker in RFCALC was incorrectly showing the breaker as open. RFCALC uses the real time topology from the state estimator for the first three hours of the Operating Horizon. Therefore, this issue did not exist in the first three timepoints of the Operating Horizon. The error in the normally open status of the generator breaker was introduced inadvertently in the network model used by the state estimator on September 6, 2012. The network model used in the state estimator was corrected at 12:20 on September 12, 2012.

The impact of this error resulted in no AFCs showing available for the Hot Springs PMAX Flowgate flows. Only one request was impacted when NRG requested service and was denied around 09:30 on September 12, 2012. The customer was able to submit a request from the affected source after at the correction was made at 12:20 on September 1, 2012.

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

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 26th day of September 2012, 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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