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April 24, 2007

**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 OASIS Automation ("OA") issues involving the mismanagement of data.

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 explanation of recently discovered issues involving OA-related errors.

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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."

### **09:30 RFCALC Planning Horizon Resynchronization on April 9, 2008**

On April 9, 2008, Entergy became aware that all necessary information from OASIS was not received in response to the scheduled RFCALC 09:30 planning horizon resynchronization query. OASIS was functioning properly; however, a network connectivity problem between OASIS and OA was interfering with the proper delivery of information. More specifically, the query for the scheduled 09:30 resynchronization on April 9, 2008, returned an empty set of reservations. Thus, RFCALC resynchronized without modeling any reservation data causing the flowgate flow on PMAX and TIECAP flowgates to go to zero. The OA logs indicate that, at 09:25:18, OA lost connectivity to OASIS, but that connectivity was automatically restored at 09:31:56. Entergy has determined that the network connectivity problem was external to the Entergy system.

Additionally, it should be noted that this event may have resulted in the modeling of incorrect base flows on other flowgates from 10:40 to 14:15 on April 9, 2008 for the Planning Horizon only. During this time frame, a total of twenty transmission service requests were updated. Out of the twenty requests, four were non-firm and sixteen were firm. Five requests were accepted, eleven were confirmed, two were counteroffered, and two were refused. Entergy cannot determine what effect, if any, the improper modeling of the flowgates' flows may have had on the analysis of the transmission service requests.

### **Non-Firm Reservation Modeling Issue**

On April 15, 2008, Entergy determined that the Operating Horizon resynchronization function of RFCALC was not processing non-firm reservations as expected. The issue was traced to a configuration file used by OA that specifies which reservation types are to be included by RFCALC during the routine resynchronization operations. In the Operating Horizon, all confirmed, non-firm reservations should be modeled in the base case created by RFCALC.<sup>2</sup> Upon investigation, it was found that the parameters for the Operating Horizon were defined such that non-firm reservations containing a subclass value were excluded from the list of the reservations sent to RFCALC during an Operating Horizon resynchronization. The parameters should have been set to provide a list of all confirmed non-firm reservations regardless of any subclass designation.

Further research confirmed that this issue was limited only to the Operating Horizon and that the expected reservations were being provided for Planning Horizon resynchronization functions. Note that the impact of this incident is limited to non-firm service in the Operating Horizon and that, as a result, some non-firm reservations were not accounted for in base flows calculated by RFCALC for the Operating Horizon. At this time, it is not clear whether this resulted in under-

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<sup>2</sup> Before May 30, 2007, the tariff requirement was to model only accepted, confirmed and counteroffered non-firm reservations in base case.

Kimberly D. Bose, Secretary  
April 24, 2007  
Page 3

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C O U N S E L O R S   A T   L A W

selling or over-selling with respect to various flowgates. Entergy identified, tested, and implemented a solution to this issue on April 22, 2008.

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

Respectfully submitted,

/s/ Floyd L. Norton, IV

Floyd L. Norton  
Attorney for  
Entergy Services, Inc.

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 24 day of April, 2008, 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/ J. Daniel Skees  
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