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Greg Pierce
Director Transmission Compliance

June 11, 2009

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,¹ 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 explanation of recently discovered issues involving mismanagement of AFC related data.

OASIS Automation (OA) Configuration Error

On May 27, 2009, the ICT reported to Entergy that it appeared that the preemption functionality of Entergy's OA software was displaying an inaccurate defender queue. More specifically, the ICT reported that the queue being displayed to operators did not consistently identify all preemptible, lower

¹ 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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priority Transmission Service Requests (“TSRs”) and reservations when a higher priority TSR was being evaluated. Based on observation of these anomalies, the ICT briefly suspended implementation of preemption for thermal flowgates on Entergy’s transmission system on May 28, 2009. The posted notice of this suspension of preemption can be viewed at https://oasis.e-terrasolutions.com/documents/EES/OASIS_NoticePreemption.pdf.

Upon investigation by Entergy, it was determined that a default configuration setting in OA for the length of the query used to identify reservations and TSRs that were impacted by the constrained flowgate(s) of the preemptor was limiting the query to 32,767 characters or approximately 1,300 paths. The query string in OA is what contained the list of source/sink combinations that were affected by the constrained flowgate(s). If the constrained flowgate(s) impacted more than the approximately 1,300 source/sink combinations, the query string was cut short; therefore, this limitation resulted in some source/sink combinations and associated reservations or TSRs not being included in the query or, subsequently, returned in the associated response, which populates the defender queue. If the constrained flowgate(s) affected less than approximately 1,300 source/sink combinations, then the query worked as expected, returning a complete list of defenders.

The aforementioned configuration setting in OA was increased to 262,143 on June 4, 2009. Even though it is unlikely that a constrained flowgate could impact all source/sink combinations, prior to implementation of the configuration revision, Entergy confirmed that all source/sink combinations could be accommodated in the query of reservations and TSRs by OA and will, therefore, be returned in future responses, which populate the defender queue. Subsequent testing by Entergy and the ICT supports this finding. Accordingly, on June 5, 2009, the ICT reinstated preemption for thermal flowgates on Entergy’s transmission system. The posted notice can be viewed at <https://oasis.e-terrasolutions.com/documents/EES/OASISNoticepreemptionReinstated.pdf>.

Entergy’s investigations of the May 27, 2009 issue indicate that the impact of the limitation on the population of the defender queue was dependent on each TSR, the number of source/sink combinations impacted by the constrained flowgate(s) at the time of evaluation, the loading on the Entergy system at the time of evaluation, and the actions of the evaluating operator. As the exact conditions of each evaluation cannot be re-created, the impact of the May 27, 2009 issue cannot be ascertained.

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

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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 11th day of June, 2009, 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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