

**ICTE TLR 5 Investigation Report
Flowgate 14870
(Fancy Auto 500/230 kV for the loss of Big Cajun 2 - Webre 500 kV)
TLR Level 5: December 11, 2008
Report Issued:**

1. Description of purpose/cause of hold/curtailment.

This report is submitted in accordance with the NERC Transmission Loading Relief Investigation Procedure for the TLR 5 event that occurred on Flowgate 14870 on December 11, 2008. Flowgate 14870 is an Entergy flowgate. The TLR 5 was in effect from 10:39 AM until 12:26 PM CST on December 11, 2008. Projected post-contingent flows on the Fancy Auto 500/230 kV line for the loss of the Big Cajun 2 - Webre 500 kV line exceeded the SOL.

2. Facility/flowgate limitations and flows at the time the TLR was initiated.

At the time the TLR 5A was issued, the Limiting Element was rated at 1440 MVA. Flow on the Limiting Element was 307 MVA. Flow on the Contingent Element was 1439 MVA. The LODF was approximately 99%. Post-contingent flow on the Limiting Element was approximately 1732 MVA.

3. TLR levels, timing, and relief requested amounts.

TLRs levels, timing and relief requested amounts are shown on pages 2 and 3.

4. Transmission and generation outages or changes from prediction that may have contributed.

There were unplanned outages. Fancy McKnight 500 kV and Franklin-McKnight 500 kV tripped.

5. Procedures implemented prior to hold/curtailment.

Curtailed non-firm transactions, not enough non-firm to alleviate the flowgate.

6. The initial investigation shall compare all transaction curtailment lists as generated by the IDC with the list of transactions flowing as determined by the IDC (Whole Transaction Lists) both before and after curtailment. The reasons for any transactions that were excluded from curtailment shall be provided. For those transactions not curtailed, the Reliability Authority will identify those entities and any affiliation with said entities.

There were no known transactions excluded from curtailment for this TLR.

7. List of known transactions not in the IDC with Transaction Contribution Factors greater than the curtailment threshold and actions taken to curtail such transactions.

There were no known transactions not in the IDC.

8. Excerpts from the RA Operations Log containing information relevant to the TLR event.

Information was provided to Reliability Coordinators through the IDC and the RCIS. Also the ICTE Reliability Coordinators logged information describing the actions taken at each issuance of the TLR.

9. Flowgate limitations as identified by security analysis processes conducted by the Reliability Authority for the day prior to the TLR event.

In the next day process, we did not see an issue with this flowgate, based off of the peak study.

10. State Estimator snapshots and security analysis, including any contingency analysis or stability analysis, along with any other recorded data indicating need for TLR.

The ICTE Reliability Coordinator was monitoring their state estimator for potential issues during this time. Screen shots were taken during each issuance of the TLR level 5.

11. ATC limitations before, during, and after the TLR event.

ICT Tariff Administration grants transmission service using an AFC process. This process evaluates each transmission request on a case by case basis. There are no ATC values for individual corridors to or from the Entergy system. ICT Tariff Administration was not granting any transmission requests that impacted the congested flowgate by 3 % or greater at the time of the TLR 5.

12. Description of actions taken to avoid future hold/curtailments.

This TLR was caused by a combination of generation patterns, load, and system flows. Due to this situation, no actions were taken to avoid future hold/curtailments.

13. Provide IDC generated Congestion Management Reports showing transaction curtailment list and Control Area NNL (network and native load) curtailment responsibility.

Congestion Management Reports for each issuance of the TLR have been reviewed and kept on file. These screen shots are not being provided to reduce the size of this report

14. Re-dispatch actions taken.

Entergy had no NNL during this TLR Level 5.

Event History								
Issuing RC:		ICTE						
Flowgate:		14870 - Fancy Point Auto 500/230kv fto Big Cajun - Webre 500kv						
Event Begin:		2008-12-11 11:00						
Event End:		2008-12-11 13:20						
Event Duration:		2 Hours						
TLR Level	TLR Date (CST)	TLR Confirm Time (CST)	Run Time (CST)	Requested Relief	Remaining Relief	Relief Provided	Total Cuts	
							Tags	MW
TLR Level 5A	12/11/2008 11:00	12/11/2008 10:39	12/11/2008 10:39:09	73.0	0.0	73.0	11	67
TLR Level 5A	12/11/2008 12:00	12/11/2008 11:28	12/11/2008 11:27:41	243.0	0.0	275.5	11	217
TLR Level 5A	12/11/2008 13:00	12/11/2008 12:29	12/11/2008 12:26:24	247.0	0.0	390.2	11	307
TLR Level 0	12/11/2008 13:20	12/11/2008 13:09	12/11/2008 13:08:32	0.0	0.0	0.0	0	0

12/22/2008 10:47:33 (CST)
 OATI IDC Support Phone: 763-201-2010 Fax: 763-553-2813
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Event Summary

FILE SAVED AS: ICTE_14870_20081211_1100.htm

Incident: ICTE_14870_20081211_1100	Date: 12/11/2008	Reliability Coordinator: ICTE
Initial Conditions: N/A		
Flowgate: 14870 - Fancy Point Auto 500/230kv ftl...	Rating: 1440	LODF: 100.00%
TLR Direction: Normal		
Effective StartTime: 12/11/2008 11:00	Effective EndTime: 12/11/2008 13:20	TLR Duration: 2 Hours and 20 Minutes

TLR Actions

Confirm Time	Level	Effective Hour	Priority	Schedule						NNL Relief			Market Relief			Flow		Cont. Flow	TLR Action Comments		
				Total Tags Cut / Hold	IDC Cut		RC Cut Acknowledge		Hold		CA	IDC MW	RC Ackn MW	Type	Mkt	IDC MW	RC Ackn MW			Current	Post Cont.
Dec 11 10:39	TLR 5A	NEXT	7-F	11 / 0	67	40.9	67	40.9	0	0.0	LAGN	32.0	33.0		NONE			307	1745	1439	N/A
			Total	11 / 0	67	40.9	67	40.9	0	0.0	Total	32.0	33.0								
Dec 11 11:28	TLR 5A	NEXT	7-F	11 / 0	217	132.3	217	132.3	0	0.0	LAGN	143.0	143.0		NONE			321	1724	1404	N/A
			Total	11 / 0	217	132.3	217	132.3	0	0.0	Total	143.0	143.0								
Dec 11 12:29	TLR 5A	NEXT	7-F	11 / 0	307	187.2	307	187.2	0	0.0	LAGN	203.0	203.0		NONE			294	1606	1313	N/A
			Total	11 / 0	307	187.2	307	187.2	0	0.0	Total	203.0	203.0								
Dec 11 13:09	TLR 0	CURRENT			NONE						NONE			NONE			168	1084	917	N/A	

TLR Schedule Totals

Priority	Schedule			
	Total Tags Cut / Hold	IDC Cut MW	RC Cut Acknowledge MW	Hold MW
0	0	0	0	0
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	33	591	591	0
Total	33	591	591	0

TLR NNL Totals

CA	NNL Relief	
	IDC MW	RC Ackn MW
LAGN	378.0	379.0
Total	378.0	379.0