

ICTE TLR 5 Investigation Report
Flowgate 14782
(Scott - Semere 138 kV for the loss of Wells - Pont Des Mouton 230 kV)
TLR Level 5: May 6, 2009
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 14782 on May 6, 2009. Flowgate 14782 is an Entergy flowgate. The TLR 5 was in effect from 12:15 PM until 1:15 PM on May 6, 2009. Projected post-contingent flows on the Scott - Semere 138 kV line for the loss of the Wells - Pont Des Mouton 230 kV line exceeded the SOL.

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

At the time the TLR 5b was issued, the Limiting Element was rated at 130 MVA. Flow on the Limiting Element was 93 MVA. Flow on the Contingent Element was 351 MVA. The LODF was approximately 14%. Post-contingent flow on the Limiting Element was approximately 142 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 no unplanned outages.

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 for this TLR.

Event History									
Issuing RC:		ICTE							
Flowgate:		14782 - Scott-Semere 138kv FTLO Wells-Pont Des Mouton 230kv							
Event Begin:		2009-05-06 11:25							
Event End:		2009-05-06 22:35							
Event Duration:		11 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 5B	05/06/2009 11:25	05/06/2009 11:16	05/06/2009 11:15:44	15.0	0.0	15.1	3	138	
TLR Level 4	05/06/2009 12:40	05/06/2009 12:28	05/06/2009 12:28:02	0.0	0.0	0.0	0	0	
TLR Level 4	05/06/2009 13:40	05/06/2009 13:29	05/06/2009 13:29:29	0.0	0.0	0.0	0	0	
TLR Level 4	05/06/2009 14:40	05/06/2009 14:27	05/06/2009 14:26:47	0.0	0.0	0.0	0	0	
TLR Level 4	05/06/2009 15:40	05/06/2009 15:26	05/06/2009 15:26:24	0.0	0.0	0.0	0	0	
TLR Level 4	05/06/2009 16:40	05/06/2009 16:26	05/06/2009 16:26:25	0.0	0.0	0.0	0	0	
TLR Level 4	05/06/2009 17:40	05/06/2009 17:27	05/06/2009 17:26:50	0.0	0.0	0.0	0	0	
TLR Level 4	05/06/2009 18:35	05/06/2009 18:25	05/06/2009 18:25:23	0.0	0.0	0.0	0	0	
TLR Level 4	05/06/2009 19:40	05/06/2009 19:29	05/06/2009 19:29:02	0.0	0.0	0.0	0	0	
TLR Level 4	05/06/2009 20:40	05/06/2009 20:26	05/06/2009 20:26:17	0.0	0.0	0.0	0	0	
TLR Level 4	05/06/2009 21:40	05/06/2009 21:28	05/06/2009 21:27:56	0.0	0.0	0.0	0	0	
TLR Level 0	05/06/2009 22:35	05/06/2009 22:25	05/06/2009 22:25:32	0.0	0.0	0.0	0	0	

06/12/2009 08:02:49 (CST)
 OATI IDC Support Phone: 763-204-2010 Fax: 763-553-2813
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Event Summary

FILE SAVED AS: ICTE_14782_20090506_1125.htm

Incident: ICTE_14782_20090506_1125	Date: 05/06/2009	Reliability Coordinator: ICTE
Initial Conditions: N/A		
Flowgate: 14782 - Scott-Semere 138kv FTLO Wells...	Rating: 130	LODF: 11.00%
TLR Direction: Normal		
Effective StartTime: 05/06/2009 11:25	Effective EndTime: 05/06/2009 22:35	TLR Duration: 11 Hours and 10 Minutes

TLR Actions

Confirm Time	Level	Effective Hour	Priority	Schedule								NIL Relief			Market Relief				Flow			TLR Action Comments
				Total Tags Cut / Hold		IDC Cut		RC Cut Acknowledge		Hold		CA	IDC MV	RC Acln MV	Type	Mkt	IDC MV	RC Acln MV	Current	Post Cont.	Cont. Flow	
				MV	Relief	MV	Relief	MV	Relief	MV	Relief											
May_09 11:15	TLR 5B	CURRENT	7-F	3 / 0	138	15.1	138	15.1	0	0.0		NONE						93	131	351	N/A	
		TOTAL		3 / 0	138	15.1	138	15.1	0	0.0												
		NEXT	7-F	3 / 0	138	15.1	138	15.1	0	0.0		NONE										
May_09 12:23	TLR 4	CURRENT									NONE							91	121	278	N/A	
		NEXT									NONE											
May_09 13:29	TLR 4	CURRENT									NONE							92	123	288	N/A	
		NEXT									NONE											
May_09 14:27	TLR 4	CURRENT									NONE							91	122	284	N/A	
		NEXT									NONE											
May_09 15:26	TLR 4	CURRENT									NONE							89	119	279	N/A	
		NEXT									NONE											
May_09 16:20	TLR 4	CURRENT									NONE							92	125	303	N/A	
		NEXT									NONE											
May_09 17:27	TLR 4	CURRENT									NONE							88	121	303	N/A	
		NEXT									NONE											
May_09 18:25	TLR 4	CURRENT									NONE							85	120	327	N/A	
		NEXT									NONE											
May_09 19:29	TLR 4	CURRENT									NONE							93	130	338	N/A	
		NEXT									NONE											
May_09 20:26	TLR 4	CURRENT									NONE							84	120	332	N/A	
		NEXT									NONE											
May_09 21:23	TLR 4	CURRENT									NONE							86	117	287	N/A	
		NEXT									NONE											
May_09 22:25	TLR 0	CURRENT									NONE							74	104	281	N/A	

TLR Schedule Totals

Priority	Schedule			
	Total Tags Cut / Hold	IDC Cut MV	RC Cut Acknowledge MV	Hold MV
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	6	276	276	0
Total	6	276	276	0