

**ICTE TLR 5 Investigation Report
Flowgate 1347
(Wilbert-Livonia 138 kV for the loss of Webre-Wells 500 kV)
TLR Level 5: November 16, 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 1347 on November 16, 2008. Flowgate 1347 is an Entergy flowgate. The TLR 5 was in effect from 7:30 AM until 11:30 AM CST on November 16, 2008. Projected post-contingent flows on the Wilbert-Livonia line for the loss of the Webre-Wells 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 318 MVA. Flow on the Limiting Element was 127MVA. Flow on the Contingent Element was 1034 MVA. The LODF was approximately 19%. Post-contingent flow on the Limiting Element was approximately 323 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.

Nelson 6 was in an unplanned outage.

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 met the NNL obligation during this TLR Level 5 by moving generation on Nelson 3 and 4.

Event History								
Issuing RC:		ICTE						
Flowgate:		1347 - Wilbert-Livonia for loss of Webre-Wells						
Event Begin:		2008-11-16 05:00						
Event End:		2008-11-16 16:00						
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 3A	11/16/2008 05:00	11/16/2008 04:42	11/16/2008 04:41:30	70.0	68.5	1.5	1	13
TLR Level 3A	11/16/2008 06:00	11/16/2008 05:31	11/16/2008 05:31:19	0.0	0.0	1.8	1	15
TLR Level 3A	11/16/2008 07:00	11/16/2008 06:33	11/16/2008 06:33:30	20.0	18.2	1.8	1	15
TLR Level 5A	11/16/2008 08:00	11/16/2008 07:34	11/16/2008 07:33:46	38.0	0.0	38.0	14	86
TLR Level 5A	11/16/2008 09:00	11/16/2008 08:36	11/16/2008 08:36:22	15.0	0.0	40.1	14	90
TLR Level 5A	11/16/2008 10:00	11/16/2008 09:32	11/16/2008 09:32:07	23.0	0.0	49.6	14	109
TLR Level 5A	11/16/2008 11:00	11/16/2008 10:31	11/16/2008 10:31:05	0.0	0.0	20.2	14	49
TLR Level 5A	11/16/2008 12:00	11/16/2008 11:33	11/16/2008 11:32:40	0.0	0.0	1.8	1	15
TLR Level 3A	11/16/2008 13:00	11/16/2008 12:33	11/16/2008 12:33:23	0.0	0.0	1.8	1	15
TLR Level 1	11/16/2008 14:00	11/16/2008 13:30	11/16/2008 13:30:07	0.0	0.0	0.0	0	0
TLR Level 0	11/16/2008 16:00	11/16/2008 15:49	11/16/2008 15:49:41	0.0	0.0	0.0	0	0

12/03/2008 16:21:55 (CST)
 OATI IDC Support Phone: 763-201-2010 Fax: 763-553-2813
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Event Summary

FILE SAVED AS: ICTE_1347_20081116_0500.htm

Incident: ICTE_1347_20081116_0500	Date: 11/16/2008	Reliability Coordinator: ICTE
Initial Conditions: N/A		
Flowgate: 1347 - Wilbert-Livonia for loss of We...	Rating: 318	LODF: 19.37%
TLR Direction: Normal		
Effective StartTime: 11/16/2008 05:00	Effective EndTime: 11/16/2008 16:00	TLR Duration: 11 Hours and 0 Minutes

TLR Actions

Confirm Time	Level	Effective Hour	Priority	Schedule								NNL Relief			Market Relief				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.	Cont. Flow	
				MW	Relief	MW	Relief	MW	Relief	MW	Relief											
Nov 16 04:42	TLR 3A	NEXT	2-NH	1 / 0	13	1.5	13	1.5	0	0.0									117	324	1073	N/A
			Total	1 / 0	13	1.5	13	1.5	0	0.0												
Nov 16 05:31	TLR 3A	NEXT																	116	305	977	N/A
Nov 16 06:33	TLR 3A	NEXT																	114	290	912	N/A
Nov 16 07:34	TLR 5A	NEXT	7-F	13 / 0	71	11.2	71	11.2	0	0.0	EES	17.0	17.0						127	327	1034	N/A
			Total	13 / 0	71	11.2	71	11.2	0	0.0	LAGN	8.0	8.0									
Nov 16 08:36	TLR 5A	NEXT	7-F	13 / 0	75	11.9	75	11.9	0	0.0	EES	18.0	18.0						109	276	865	N/A
			Total	13 / 0	75	11.9	75	11.9	0	0.0	LAGN	9.0	9.0									
Nov 16 09:32	TLR 5A	NEXT	7-F	13 / 0	94	14.9	94	14.9	0	0.0	EES	22.0	22.0						115	300	959	N/A
			Total	13 / 0	94	14.9	94	14.9	0	0.0	LAGN	11.0	11.0									
Nov 16 10:31	TLR 5A	NEXT	7-F	13 / 1	34	5.4	34	5.4	2	0.3	EES	9.0	9.0						105	274	875	N/A
			Total	13 / 1	34	5.4	34	5.4	2	0.3	LAGN	4.0	5.0									
Nov 16 11:33	TLR 5A	NEXT																	97	260	844	N/A
Nov 16 12:33	TLR 3A	NEXT																	84	221	708	N/A
Nov 16 13:30	TLR 1	CURRENT																	83	219	702	N/A
Nov 16 15:49	TLR 0	CURRENT																	83	219	700	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	0
1	0	0	0	0	0
2	1	13	13	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	52	274	274	2	2
Total	53	287	287	2	2

TLR NNL Totals

CA	NNL Relief	
	IDC MW	RC Ackn MW
EES	66.0	66.0
LAGN	32.0	33.0
Total	98.0	99.0