

**ICTE TLR 5 Investigation Report
Flowgate 16712
(Moril - Duboin 138 kV for the loss of Hopkins - Patoutville 138 kV)
TLR Level 5: November 3, 2010
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 16712 on November 3, 2010. Flowgate 16712 is an Entergy flowgate. The TLR 5 was in effect from 11:34 PM until 11:45 PM on November 3, 2010. Projected post-contingent flows on the Moril - Duboin 138 kV line for the loss of the Hopkins - Patoutville 138 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 112 MVA. Flow on the Limiting Element was 51 MVA. Flow on the Contingent Element was 83 MVA. The LODF was approximately 100%. Post-contingent flow on the Limiting Element was approximately 134 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.

Terrebone – Greenwood 115 kV line tripped. The TLR was taken to a TLR 1 before curtailments took place. The Limiting Element received a temperature adjusted rating of 131MVA.

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, unplanned transmission outages, 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 obligation during this TLR event.

Event History

Issuing RC: ICTE								
Flowgate: 16712 - Moril - Duboin 138kv ftlo Hopkins - Patoutville(cleco) 138kv								
Event Begin: 2010-11-04 00:00								
Event End: 2010-11-04 00:00								
Event Duration: 0 Hour								
TLR Level	TLR Date	TLR Confirm Time	Run Time	Requested Relief	Remaining Relief	Relief Provided	Total Cuts	
							Tags	MW
TLR Level 5A	11/04/2010 00:00	11/03/2010 23:37	11/03/2010 23:34:02	46.0	0.0	46.1	11	151
TLR Level 1	11/03/2010 23:55	11/03/2010 23:45	11/03/2010 23:45:05	0.0	0.0	0.0	0	0
TLR Level 0	11/04/2010 00:00	11/03/2010 23:51	11/03/2010 23:51:12	0.0	0.0	0.0	0	0

Event Summary

FILE SAVED AS: ICTE_16712_20101103_2300.htm

Incident: ICTE_16712_20101103_2300	Date: 11/03/2010	Reliability Coordinator: ICTE
Initial Conditions: N/A		
Flowgate: 16712 - Moril - Duboin 138kv ftto Hopk...	Rating: 112	LODF: 70.81%
TLR Direction: Normal		
Effective StartTime: 11/04/2010 00:00	Effective EndTime: 11/04/2010 00:00	TLR Duration: 0 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 MW	RC Cut Acknowledge MW	Hold MW	CA	IDC MW	RC Achn MW	Type	Mkt	IDC MW	RC Achn MW	Current	Post Cont.					
Nov 03 23:37	TLR 5A	NEXT	2-NH 6-NN 7-F Total	2 / 0 1 / 0 8 / 0 11 / 0	31 5 115 151	5.2 0.8 13.0 18.8	21 5 115 141	4.7 0 13.0 18.2	0 0 0 0	0.0 0.0 0.0 0.0	CLEC Total	27.0 27.0	27.0 27.0		NONE			51	109	83	N/A
Nov 03 23:45	TLR 1	CURRENT			NONE							NONE			NONE			43	97	77	N/A
Nov 03 23:51	TLR 0	CURRENT			NONE							NONE			NONE			43	97	77	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	2	31	21	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	1	5	5	0
7	8	115	115	0
Total	11	151	141	0

TLR NNL Totals

CA	NNL Relief	
	IDC MW	RC Achn MW
CLEC	27.0	27.0
Total	27.0	27.0

Date	Time	Description	Category
11/3/10	2327	Assessed as ICP PC 120% EES notified Informed EES SOC that at this level would be moving to TLR 5,	Flow Gate Assessment
11/3/10	2337	Issued TLR 5a PC 117% EES notified	TLR - 5a Initial
11/3/10	2343	Ryan called from EES SOC to inform that the Moril - Duboin 138kv line has been tarp rated to 131mva, and the FG 16712 was only at PC 92% with the TARP.	Transmission
11/3/10	2345	With the news of TARP of 131mva moved to immediate issue of TLR ! To end TLR 5	TLR - 1
11/3/10	2351	Due to other parties effected by TLR 5 schdeules not reloading, moved to TLR 0 to force IDC to reload schedules at 00:00.	TLR - 0