

ICTE TLR 5 Investigation Report
Flowgate 15878
(North Crowley - Scott 138 kV for the loss of Wells - Pont Des Mouton 230 kV)
TLR Level 5: June 25, 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 15878 on June 25, 2009. Flowgate 15878 is an Entergy flowgate. The TLR 5 was in effect from 11:28 AM until 8:31 PM on June 25, 2009. Projected post-contingent flows on the North Crowley - Scott 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 5a was issued, the Limiting Element was rated at 216 MVA. Flow on the Limiting Element was 161 MVA. Flow on the Contingent Element was 442 MVA. The LODF was approximately 16%. Post-contingent flow on the Limiting Element was approximately 232 MVA.

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

TLRs levels, timing and relief requested amounts are shown on pages 3 and 4.

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

On or about June the 9th the load in the Acadiana load pocket begin to rise due to unseasonably warm temperatures in south Louisiana. The peak load for the Acadiana Load Pocket is 1714 mw of load recorded in August 2007, during the last few weeks we have approached this value many times with an average load of approximately 1698 mw.

At the time of the increase in load demand due to high temperatures in early June several external area generation units were unavailable.

Compounding the problem Entergy lost Ninemile #5 a 740 MW generating unit in the southern Louisiana area due to a rotor fire and is unavailable until March 2010.

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.

Lafa and LEPA declared EEA 3. Schedules were capped to what was needed for the entities to cover their load, the remainder was curtailed.

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 see issues in the area, 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 did not have any NNL obligation.

Event History

Issuing RC: ICTE
Flowgate: 15878 - North Crowley - Scott 138kv ftlo Wells - Pont D Mouton 230kv
Event Begin: 2009-06-25 09:40
Event End: 2009-06-25 22:20
Event Duration: 13 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 1	06/25/2009 09:40	06/25/2009 09:31	06/25/2009 09:30:53	0.0	0.0	0.0	0	0
TLR Level 5A	06/25/2009 12:00	06/25/2009 11:28	06/25/2009 11:28:02	101.0	18.1	82.9	10	465
TLR Level 5A	06/25/2009 13:00	06/25/2009 12:29	06/25/2009 12:28:51	62.0	0.0	82.0	10	453
TLR Level 5A	06/25/2009 14:00	06/25/2009 13:27	06/25/2009 13:25:58	61.0	0.0	81.1	10	441
TLR Level 5A	06/25/2009 15:00	06/25/2009 14:29	06/25/2009 14:28:37	60.0	0.0	80.0	10	431
TLR Level 5A	06/25/2009 16:00	06/25/2009 15:30	06/25/2009 15:28:15	62.0	0.0	81.8	10	449
TLR Level 5A	06/25/2009 17:00	06/25/2009 16:30	06/25/2009 16:29:56	63.0	0.0	82.8	10	466
TLR Level 5A	06/25/2009 18:00	06/25/2009 17:27	06/25/2009 17:26:35	18.0	0.0	38.2	10	194
TLR Level 4	06/25/2009 18:35	06/25/2009 18:26	06/25/2009 18:25:51	0.0	0.0	0.0	0	0
TLR Level 4	06/25/2009 19:35	06/25/2009 19:26	06/25/2009 19:26:10	0.0	0.0	0.0	0	0
TLR Level 4	06/25/2009 20:35	06/25/2009 20:26	06/25/2009 20:25:45	0.0	0.0	0.0	0	0
TLR Level 4	06/25/2009 21:35	06/25/2009 21:26	06/25/2009 21:25:46	0.0	0.0	0.0	0	0
TLR Level 0	06/25/2009 22:20	06/25/2009 22:11	06/25/2009 22:10:51	0.0	0.0	0.0	0	0

07/02/2009 08:42:27 (CST)
 OATI IDC Support Phone: 763-201-2010 Fax: 763-553-2813
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Event Summary

FILE SAVED AS: ICTE_15878_20090625_0940.htm

Incident: ICTE_15878_20090625_0940	Date: 06/25/2009	Reliability Coordinator: ICTE
Initial Conditions: N/A		
Flowgate: 15878 - North Crowley - Scott 138kv ft...	Rating: 216	LODF: 15.52%
TLR Direction: Normal		
Effective StartTime: 06/25/2009 09:40	Effective EndTime: 06/25/2009 22:20	TLR Duration: 12 Hours and 40 Minutes

TLR Actions

Confirm Time	Level	Effective Hour	Priority	Schedule				NINL Relief			Market Relief		Flow			TLR Action Comments		
				Total Tags Cut / Hold	IDC Cut MW	RC Cut Acknowledge MW	Hold MW	CA	IDC MW	RC Ackn MW	Type	Mkt	IDC MW	RC Ackn MW	Current		Post Cont	Cont. Flow
Jun 25 09:31	TLR 1	CURRENT													128	193	419	N/A
Jun 25 11:28	TLR 5A	NEXT	7-F	10 / 0	465	63.2	160	18.9	0	0.0	CLEC	20.0	20.0	NONE	161	229	442	N/A
Jun 25 12:29	TLR 5A	NEXT	7-F	10 / 0	453	62.2	132	16.6	0	0.0	CLEC	20.0	20.0	NONE	155	207	336	N/A
Jun 25 13:27	TLR 5A	NEXT	7-F	10 / 0	441	61.2	127	16.1	0	0.0	CLEC	20.0	20.0	NONE	154	216	339	N/A
Jun 25 14:25	TLR 5A	NEXT	7-F	10 / 0	431	60.4	156	18.6	0	0.0	CLEC	20.0	20.0	NONE	173	224	330	N/A
Jun 25 15:30	TLR 5A	NEXT	7-F	10 / 0	449	61.9	165	19.3	0	0.0	CLEC	20.0	20.0	NONE	167	220	343	N/A
Jun 25 16:30	TLR 5A	NEXT	7-F	10 / 0	466	63.3	171	19.8	0	0.0	CLEC	20.0	20.0	NONE	162	212	327	N/A
Jun 25 17:27	TLR 5A	NEXT	7-F	10 / 0	194	29.5	105	13.6	0	0.0	CLEC	9.0	9.0	NONE	155	205	328	N/A
Jun 25 18:26	TLR 4	CURRENT													159	212	346	N/A
Jun 25 19:26	TLR 4	CURRENT													158	218	403	N/A
Jun 25 20:26	TLR 4	CURRENT													152	215	408	N/A
Jun 25 21:26	TLR 4	CURRENT													141	200	383	N/A
Jun 25 22:11	TLR 0	CURRENT													115	170	356	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	70	2899	1016	0
Total	70	2899	1016	0

TLR>NNL Totals

CA	NNL Relief	
	IDC MW	RC Ackn MW
CLEC	129.0	129.0
Total	129.0	129.0

06/29/2009 08:20:30 (CST)

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