

**TVA RC TLR 5 Report
Flowgate 15196
Stoddard - Essex 161 KV (flo) New Madrid - Essex - Lutesville 345 KV
TLR Level 5: 07/05/2008**

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

This report is submitted for the TLR 5 event that occurred on Flowgate 15196 on July 05, 2008. Flowgate 15196 is an AECI flowgate. The TLR event was in effect from 1625 on 07/05/08 to 1940 on 07/05/08, with the TLR 5 status in effect from 1700 to 1800 on 07/05/08. Post-contingent loading on the Stoddard - Essex 161 KV line for the loss of New Madrid - Essex - Lutesville 345 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 204 MVA. Pre-contingent loading on the Limiting Element was 74 MVA, and post-contingent loading was 211 MVA.

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

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

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

The forced outage of the TVA Marshall - Cumberland 500 KV line was a contributing factor.

5. Procedures implemented prior to hold/curtailment.

No non-firm transactions were available for curtailment. No other procedures had been implemented prior to hold/curtailment.

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 TVA 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.

None.

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 TVA Reliability Coordinator was monitoring their state estimator for potential issues during this time. All pertinent data was archived.

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

None.

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

This TLR was due to a forced transmission outage. No other action was 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.

Redispatch actions were performed to meet NNL obligations.

Event Summary

FILE SAVED AS: TVA_15196_20080705_1625.htm

Incident:	TVA_15196_20080705_1625	Date:	07/05/2008	Reliability Coordinator:	TVA
Initial Conditions:	N/A				
Flowgate:	15196 - Stoddard - Essex 161 (flo) New...	Rating:	211	LODF:	4.43%
TLR Direction:	Normal				
Effective StartTime:	07/05/2008 16:25	Effective EndTime:	07/05/2008 19:40	TLR Duration:	3 Hours and 15 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											
Jul 05 16:21	TLR 4	CURRENT		NONE							NONE			NONE				72	105	758	FC Loading
		NEXT		NONE							NONE			NONE							
Jul 05 16:35	TLR 5A	NEXT	7-F Total	2 / 0 2 / 0	51	2.6	51	2.6	0	0.0	TVA Total	9.0	9.0	NONE				73	106	759	FC Loading
Jul 05 17:38	TLR 3A	NEXT		NONE							NONE			NONE				59	89	682	FC Loading
Jul 05 18:34	TLR 1	CURRENT		NONE							NONE			NONE				49	77	639	FC Loading
Jul 05 19:27	TLR 0	CURRENT		NONE							NONE			NONE				47	75	653	Terminated

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	2	51	51	0
Total	2	51	51	0

TLR NNL Totals

CA	NNL Relief	
	IDC MW	RC Ackn MW
TVA	9.0	9.0
Total	9.0	9.0

07/05/2008 19:30:14 (CST)

OATI IDC Support Phone: 763-201-2010 Fax: 763-553-2813

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