

**ICTE TLR 5 Investigation Report**  
**Flowgate 1913**  
**(Keo - West Memphis 500 kV for the loss of Independence - Dell 500 kV)**  
**TLR Level 5: July 21, 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 1913 on July 21, 2010. Flowgate 1913 is an Entergy flowgate. The TLR 5 was in effect from 9:33 AM until 9:31 PM on July 21, 2010. Projected post-contingent flows on the Keo - West Memphis 500 kV line for the loss of the Independence - Dell 500 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 1740 MVA. Flow on the Limiting Element was 1404 MVA. Flow on the Contingent Element was 1229 MVA. The LODF was approximately 36%. Post-contingent flow on the Limiting Element was approximately 1845 MVA.

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

TLRs levels, timing and relief requested amounts are shown on pages 2, 3 and 4.

**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 see an issue with this flowgate, however it was below 100% therefore no mitigation plan was enacted 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 achieved their NNL obligation by moving generation on White Bluff and Little Gypsy.

Event History								
Issuing RC:		ICTE						
Flowgate:		1913 - Keo-West Memphis 500 kV for the loss of Independence-Dell 500 kV						
Event Begin:		2010-07-21 06:20						
Event End:		2010-07-21 23:30						
Event Duration:		17 Hours						
TLR Level	TLR Date	TLR Confirm Time	Run Time	Requested Relief	Remaining Relief	Relief Provided	Total Cuts	
							Tags	MW
<a href="#">TLR Level 1</a>	07/21/2010 06:20	07/21/2010 06:09	07/21/2010 06:08:51	0.0	0.0	0.0	0	0
<a href="#">TLR Level 3A</a>	07/21/2010 07:00	07/21/2010 06:30	07/21/2010 06:29:08	149.0	57.3	91.7	12	535
<a href="#">TLR Level 3A</a>	07/21/2010 08:00	07/21/2010 07:28	07/21/2010 07:27:08	193.0	106.0	87.0	12	472
<a href="#">TLR Level 5A</a>	07/21/2010 09:00	07/21/2010 08:33	07/21/2010 08:30:58	141.0	0.0	145.6	71	555
<a href="#">TLR Level 5A</a>	07/21/2010 10:00	07/21/2010 09:36	07/21/2010 09:31:27	90.0	0.0	135.3	72	395
<a href="#">TLR Level 5A</a>	07/21/2010 11:00	07/21/2010 10:38	07/21/2010 10:35:15	98.0	0.0	143.2	78	407
<a href="#">TLR Level 5A</a>	07/21/2010 12:00	07/21/2010 11:33	07/21/2010 11:30:28	86.0	0.0	149.5	81	422
<a href="#">TLR Level 5A</a>	07/21/2010 13:00	07/21/2010 12:31	07/21/2010 12:27:33	78.0	0.0	141.5	82	422
<a href="#">TLR Level 5A</a>	07/21/2010 14:00	07/21/2010 13:34	07/21/2010 13:29:53	80.0	0.0	144.0	82	400
<a href="#">TLR Level 5A</a>	07/21/2010 15:00	07/21/2010 14:31	07/21/2010 14:28:31	126.0	0.0	188.8	81	401
<a href="#">TLR Level 5A</a>	07/21/2010 16:00	07/21/2010 15:32	07/21/2010 15:29:40	92.0	0.0	155.2	79	396
<a href="#">TLR Level 5A</a>	07/21/2010 17:00	07/21/2010 16:29	07/21/2010 16:26:09	79.0	0.0	140.5	79	400
<a href="#">TLR Level 5A</a>	07/21/2010 18:00	07/21/2010 17:37	07/21/2010 17:31:38	80.0	0.0	141.5	79	402
<a href="#">TLR Level 5A</a>	07/21/2010 19:00	07/21/2010 18:31	07/21/2010 18:28:03	48.0	0.0	113.9	72	299
<a href="#">TLR Level 5A</a>	07/21/2010 20:00	07/21/2010 19:37	07/21/2010 19:34:48	72.0	0.0	108.7	76	317
<a href="#">TLR Level 5A</a>	07/21/2010 21:00	07/21/2010 20:31	07/21/2010 20:30:49	0.0	0.0	82.2	2	38
<a href="#">TLR Level 1</a>	07/21/2010 21:45	07/21/2010 21:34	07/21/2010 21:33:36	0.0	0.0	0.0	0	0
<a href="#">TLR Level 0</a>	07/21/2010 23:30	07/21/2010 23:16	07/21/2010 23:15:51	0.0	0.0	0.0	0	0

### Event Summary

FILE SAVED AS: ICTE\_1913\_20100721\_0620.htm

Incident: ICTE_1913_20100721_0620	Date: 07/21/2010	Reliability Coordinator: ICTE
Initial Conditions: N/A		
Flowgate: 1913 - Keo-West Memphis 500 kV for th...	Rating: 1740	LODF: 35.60%
TLR Direction: Normal		
Effective StartTime: 07/21/2010 06:20	Effective EndTime: 07/21/2010 23:30	TLR Duration: 17 Hours and 10 Minutes

### TLR Actions

Confirm Time	Level	Effective Hour	Priority	Schedule								NINL 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											
Jul 21 06:09	TLR 1	CURRENT		NONE								NONE			NONE				1214	1617	1134	N/A
Jul 21 06:30	TLR 5A	NEXT	1-NS 2-NH 3-ND 6-NN <b>Total</b>	2 / 1 2 / 1 2 / 0 5 / 0 <b>11 / 2</b>	110 205 60 152 <b>527</b>	13.4 32.0 9.1 28.2 <b>79.7</b>	110 205 60 152 <b>527</b>	13.4 32.0 9.1 28.2 <b>79.7</b>	10 100 0 0 <b>110</b>	1.2 0.0 0.0 0.0 <b>7.2</b>	NONE			ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP <b>11.0</b>	0.0 11.0 0.0 <b>11.0</b>	0.0 11.0 0.0 <b>11.0</b>	1254	1677	1189	N/A	
Jul 21 07:28	TLR 5A	NEXT	1-NS 2-NH 3-ND 6-NN <b>Total</b>	2 / 0 1 / 0 2 / 0 6 / 0 <b>11 / 0</b>	90 154 75 175 <b>464</b>	11.3 27.7 10.2 27.7 <b>76.8</b>	90 154 75 175 <b>464</b>	11.3 27.7 10.2 27.7 <b>76.8</b>	0 0 0 0 <b>0</b>	0.0 0.0 0.0 0.0 <b>0.0</b>	NONE			ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP <b>9.0</b>	0.0 9.0 0.0 <b>9.0</b>	0.0 9.0 0.0 <b>9.0</b>	1254	1660	1142	N/A	
Jul 21 08:33	TLR 5A	NEXT	3-ND 6-NN 7-F <b>Total</b>	2 / 0 4 / 0 61 / 0 <b>67 / 0</b>	90 161 154 <b>405</b>	11.2 24.6 29.3 <b>65.1</b>	90 161 154 <b>405</b>	11.2 24.6 29.3 <b>65.1</b>	0 0 0 <b>0</b>	0.0 0.0 0.0 <b>0.0</b>	AECI EES SOCCO SPA TVA <b>Total</b>	1.0 23.0 13.0 1.0 2.0 <b>40.0</b>	1.0 23.0 13.0 2.0 2.0 <b>41.0</b>	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP <b>19.9</b>	0.0 10.0 9.9 0.0 <b>19.9</b>	0.0 10.0 9.9 0.0 <b>19.9</b>	1404	1841	1229	N/A	
Jul 21 08:58	TLR 5A	NEXT	1-NS 3-ND 6-NN 7-F <b>Total</b>	2 / 0 2 / 0 5 / 0 63 / 0 <b>72 / 0</b>	60 90 87 158 <b>395</b>	11.3 11.2 18.7 29.3 <b>70.5</b>	60 90 87 158 <b>395</b>	11.3 11.2 18.7 29.3 <b>70.5</b>	0 0 0 0 <b>0</b>	0.0 0.0 0.0 0.0 <b>0.0</b>	AECI EES SOCCO SPA TVA <b>Total</b>	1.0 23.0 12.0 2.0 2.0 <b>40.0</b>	1.0 23.0 12.0 2.0 2.0 <b>40.0</b>	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP <b>24.9</b>	0.0 10.0 14.9 0.0 <b>24.9</b>	0.0 10.0 14.9 0.0 <b>24.9</b>	1220	1601	1072	N/A	
Jul 21 10:58	TLR 5A	NEXT	3-ND 6-NN 7-F <b>Total</b>	2 / 0 5 / 0 70 / 0 <b>77 / 0</b>	90 87 220 <b>397</b>	11.2 18.7 41.4 <b>71.2</b>	90 87 220 <b>397</b>	11.2 18.7 41.4 <b>71.2</b>	0 0 0 <b>0</b>	0.0 0.0 0.0 <b>0.0</b>	AECI EES SOCCO SPA TVA <b>Total</b>	1.0 33.0 17.0 3.0 4.0 <b>58.0</b>	1.0 33.0 17.0 3.0 4.0 <b>58.0</b>	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP <b>13.4</b>	0.0 10.0 3.4 0.0 <b>13.4</b>	0.0 10.0 3.4 0.0 <b>13.4</b>	1280	1666	1092	N/A	
Jul 21 11:33	TLR 5A	NEXT	3-ND 6-NN 7-F <b>Total</b>	2 / 0 4 / 0 74 / 0 <b>80 / 0</b>	90 88 234 <b>412</b>	11.2 19.0 43.1 <b>73.2</b>	90 88 234 <b>412</b>	11.2 19.0 43.1 <b>73.2</b>	0 0 0 <b>0</b>	0.0 0.0 0.0 <b>0.0</b>	AECI EES SOCCO SPA TVA <b>Total</b>	1.0 33.0 16.0 3.0 4.0 <b>57.0</b>	1.0 34.0 16.0 3.0 4.0 <b>58.0</b>	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP <b>17.4</b>	0.0 10.0 7.4 0.0 <b>17.4</b>	0.0 10.0 7.4 0.0 <b>17.4</b>	1287	1674	1087	N/A	

Jul 21 12:31	TLR 5A	NEXT	3-ND 6-NN 7-F <b>Total</b>	2 / 0 4 / 0 75 / 0 <b>81 / 0</b>	90 87 235 <b>412</b>	11.2 18.6 42.6 <b>72.4</b>	90 87 235 <b>412</b>	11.2 18.6 42.6 <b>72.4</b>	0 0 0 <b>0</b>	0.0 0.0 0.0 <b>0.0</b>	AECI EES SOCCO SPA TVA <b>Total</b>	2.0 34.0 16.0 3.0 4.0 <b>59.0</b>	2.0 34.0 16.0 3.0 4.0 <b>59.0</b>	ED-2 ED-5 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPPP SWPPP SWPPP SWPPP <b>10.3</b>	0.0 10.0 0.3 0.0 <b>10.3</b>	1246	1624	1064	N/A
Jul 21 13:34	TLR 5A	NEXT	3-ND 6-NN 7-F <b>Total</b>	2 / 0 3 / 0 76 / 0 <b>81 / 0</b>	90 81 239 <b>390</b>	11.2 16.9 43.5 <b>71.5</b>	90 81 239 <b>390</b>	11.2 16.9 43.5 <b>71.5</b>	0 0 0 <b>0</b>	0.0 0.0 0.0 <b>0.0</b>	AECI EES SOCCO SPA TVA <b>Total</b>	2.0 34.0 15.0 3.0 4.0 <b>58.0</b>	2.0 34.0 15.0 3.0 4.0 <b>58.0</b>	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPPP SWPPP SWPPP SWPPP <b>14.4</b>	0.0 10.0 4.4 0.0 <b>14.4</b>	1228	1609	1072	N/A
Jul 21 14:31	TLR 5A	NEXT	3-ND 6-NN 7-F <b>Total</b>	2 / 0 3 / 0 75 / 1 <b>80 / 1</b>	90 82 239 <b>391</b>	11.2 17.1 43.7 <b>72.0</b>	90 82 239 <b>391</b>	11.2 17.1 43.7 <b>72.0</b>	0 0 8 <b>8</b>	0.0 0.0 1.1 <b>1.1</b>	AECI EES SOCCO SPA TVA <b>Total</b>	2.0 34.0 15.0 3.0 4.0 <b>58.0</b>	2.0 34.0 15.0 3.0 4.0 <b>58.0</b>	ED-2 ED-5 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPPP SWPPP SWPPP SWPPP <b>58.3</b>	0.0 10.0 48.3 0.0 <b>58.3</b>	1238	1606	1036	N/A
Jul 21 15:32	TLR 5A	NEXT	3-ND 6-NN 7-F <b>Total</b>	2 / 0 3 / 0 73 / 0 <b>78 / 0</b>	90 81 235 <b>386</b>	11.2 16.9 43.1 <b>71.1</b>	90 81 235 <b>386</b>	11.2 16.9 43.1 <b>71.1</b>	0 0 0 <b>0</b>	0.0 0.0 0.0 <b>0.0</b>	AECI EES SOCCO SPA TVA <b>Total</b>	1.0 34.0 15.0 3.0 4.0 <b>57.0</b>	1.0 34.0 15.0 3.0 4.0 <b>57.0</b>	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPPP SWPPP SWPPP SWPPP <b>26.4</b>	0.0 10.0 16.4 0.0 <b>26.4</b>	1247	1620	1049	N/A
Jul 21 16:29	TLR 5A	NEXT	1-NS 3-ND 6-NN 7-F <b>Total</b>	1 / 0 2 / 0 73 / 0 <b>79 / 0</b>	10 90 82 235 <b>400</b>	1.2 11.2 17.1 43.8 <b>73.1</b>	10 90 82 235 <b>400</b>	1.2 11.2 17.1 43.8 <b>73.1</b>	0 0 0 0 <b>0</b>	0.0 0.0 0.0 0.0 <b>0.0</b>	AECI EES SOCCO SPA TVA <b>Total</b>	2.0 34.0 15.0 3.0 4.0 <b>58.0</b>	2.0 34.0 15.0 3.0 4.0 <b>58.0</b>	ED-2 ED-5 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPPP SWPPP SWPPP SWPPP <b>10.4</b>	0.0 10.0 0.4 0.0 <b>10.4</b>	1124	1477	993	N/A
Jul 21 17:37	TLR 5A	NEXT	3-ND 6-NN 7-F <b>Total</b>	2 / 0 3 / 0 73 / 0 <b>78 / 0</b>	90 82 240 <b>392</b>	11.2 17.1 44.1 <b>72.4</b>	90 82 240 <b>392</b>	11.2 17.1 44.1 <b>72.4</b>	0 0 0 <b>0</b>	0.0 0.0 0.0 <b>0.0</b>	AECI EES SOCCO SPA TVA <b>Total</b>	2.0 34.0 15.0 3.0 4.0 <b>58.0</b>	2.0 35.0 15.0 3.0 4.0 <b>59.0</b>	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPPP SWPPP SWPPP SWPPP <b>10.0</b>	0.0 10.0 0.0 0.0 <b>10.0</b>	1282	1658	1057	N/A
Jul 21 18:31	TLR 5A	NEXT	3-ND 6-NN 7-F <b>Total</b>	2 / 0 4 / 0 66 / 0 <b>72 / 0</b>	85 81 153 <b>299</b>	10.8 16.9 27.2 <b>54.9</b>	85 81 153 <b>299</b>	10.8 16.9 27.2 <b>54.9</b>	0 0 0 <b>0</b>	0.0 0.0 0.0 <b>0.0</b>	AECI EES SOCCO SPA TVA <b>Total</b>	1.0 19.0 8.0 2.0 2.0 <b>32.0</b>	1.0 19.0 8.0 2.0 2.0 <b>32.0</b>	ED-2 ED-5 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPPP SWPPP SWPPP SWPPP <b>26.8</b>	0.0 10.0 16.8 0.0 <b>26.8</b>	1270	1638	1038	N/A
Jul 21 19:37	TLR 5A	NEXT	3-ND 6-NN 7-F <b>Total</b>	2 / 0 4 / 0 70 / 0 <b>76 / 0</b>	75 83 179 <b>317</b>	10.1 17.3 32.1 <b>59.6</b>	75 83 179 <b>317</b>	10.1 17.3 32.1 <b>59.6</b>	0 0 0 <b>0</b>	0.0 0.0 0.0 <b>0.0</b>	AECI EES SOCCO SPA TVA <b>Total</b>	1.0 24.0 10.0 2.0 3.0 <b>40.0</b>	1.0 24.0 10.0 2.0 3.0 <b>40.0</b>	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPPP SWPPP SWPPP SWPPP <b>9.7</b>	0.0 9.7 0.0 0.0 <b>9.7</b>	1319	1709	1097	N/A
Jul 21 20:31	TLR 5A	NEXT	3-ND <b>Total</b>	1 / 0 <b>1 / 0</b>	30 <b>30</b>	2.1 <b>2.1</b>	30 <b>30</b>	2.1 <b>2.1</b>	0 <b>0</b>	0.0 <b>0.0</b>	NONE			ED-2 ED-5 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPPP SWPPP SWPPP SWPPP <b>79.0</b>	0.0 43.0 36.0 0.0 <b>79.0</b>	1328	1746	1176	N/A
Jul 21 21:34	TLR 1	CURRENT				NONE					NONE						1129	1471	961	N/A
Jul 21 23:16	TLR 0	CURRENT				NONE					NONE						0	0	0	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	7	240	240	10
2	3	359	359	100
3	29	1226	1226	0
4	0	0	0	0
5	0	0	0	0
6	56	1269	1269	0
7	649	2524	2524	8
<b>Total</b>	<b>944</b>	<b>5617</b>	<b>5617</b>	<b>118</b>

### TLR>NNL Totals

CA	NNL Relief	
	IDC MW	RC Ackn MW
AECI	17.0	17.0
EES	359.0	361.0
SOCCO	167.0	167.0
SPA	31.0	32.0
TVA	41.0	41.0
<b>Total</b>	<b>615.0</b>	<b>618.0</b>

### TLR Market Flow Totals

Market	Type	Market Relief	
		IDC MW	RC Ackn MW
SWPPP	ED-2	0.0	0.0
	ED-6	182.7	182.7
	FIRM-7	158.1	158.2
<b>Total for SWPPP</b>		<b>340.8</b>	<b>340.9</b>
<b>Total</b>		<b>340.8</b>	<b>340.9</b>

07/21/10	0708	ICP/LAP Assessment	Assessed FG as ICP. PC 92%.
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07/21/10	0709	TLR - 1	ICT RC issued TLR-1 on FG. PC 93%. OASIS posting # 274270 opened. EES (Jeremy) notified.
07/21/10	0724	TLR - Redispatch Question	Contacted EES SS (Cox) to ask about any redispatch options available to transmission customer.
07/21/10	0730	TLR - 3a	ICT RC issued TLR-3A on FG. PC 97%. OASIS posting # 274270 updated.
07/21/10	0732	TA Notification	Contacted ICT TA (Parker) to zero non-firm AFCs on FG.
07/21/10	0933	TLR - 5a	ICT RC issued TLR-5A on FG. PC 106%. OASIS posting # 274270 updated. NNL responsibility notified. EES (Cox) NNL - 22.9, SOCO (Doug) NNL - 12.5, SPA (SPP RC) NNL - 1.5, AECI (TVA RC) NNL - 1.0, TVA (Cliff) NNL - 2.4.
07/21/10	0955	NNL	EES dec WhiteBluff by 114 and inc LittleGypsy by 114, SOCO inc Luepers by 225 and dec Watson by 150, TVA inc Brownsville by 330, SPA inc Truman and dec Dardanelle
07/21/10	1010	Internal Non-Firm	Contacted EES SS (Cox) to request curtailment of tag # 10247 6NN.
07/21/10	1036	TLR - 5a	ICT RC reissued TLR-5A. PC 92%. NNL responsibility notified. EES (Cox) NNL - 22.7, SOCO (Doug) NNL - 12.0, SPA (SPP RC) NNL - 1.9, AECI (TVA RC) NNL - 1.0, TVA (Cliff) NNL - 2.4.
07/21/10	1135	NNL	EES, SOCO reduced Watson 5 to minimum and Watson 4 by 5 MW and inc Lueper by 155 MW, TVA brought Reliant on and inc Lagoon creek last hour and remained unchanged due to the NNL amount over required last hour.
07/21/10	1138	TLR - 5a	ICT RC reissued TLR-5A. PC 96%. NNL responsibility notified. EES (Jeremy) NNL - 33.0, SOCO (Doug) NNL - 16.7, SPA (SPP RC) NNL - 2.8, AECI (TVA RC) NNL - 1.3, TVA (Cliff) NNL - 3.6.
07/21/10	1233	TLR - 5a	ICT RC reissued TLR-5A. PC 96%. NNL responsibility notified. EES (Jeremy) NNL - 33.5, SOCO (Doug) NNL - 16.4, SPA (SPP RC) NNL - 2.8, AECI (TVA RC) NNL - 1.3, TVA (Cliff) NNL - 3.6.
07/21/10	1302	App Issues - EMS	Bad RTU at Keo. EES SS (Cox) notified the input of manual values and informed that usage of Memphis real time values should be used for TLR evaluation.
07/21/10	1331	TLR - 5a	ICT RC reissued TLR-5A. PC 93%. NNL responsibility notified. EES (Jeremy) NNL - 33.5, SOCO (Doug) NNL - 15.9, SPA (SPP RC) NNL - 2.9, AECI (TVA RC) NNL - 1.6, TVA (Cliff) NNL - 3.7.
07/21/10	1434	TLR - 5a	ICT RC reissued TLR-5A. PC 92%. NNL responsibility notified. EES (Jeremy) NNL - 33.6, SOCO (Doug) NNL - 15.0, SPA (SPP RC) NNL - 2.9, AECI (TVA RC) NNL - 1.7, TVA (Cliff) NNL - 3.7.
07/21/10	1531	TLR - 5a	ICT RC reissued TLR-5A. PC 92%. NNL responsibility notified. EES (Jeremy) NNL - 33.7, SOCO (Doug) NNL - 15.1, SPA (SPP RC) NNL - 3.0, AECI (TVA RC) NNL - 1.7, TVA (Cliff) NNL - 3.8.

07/21/10	1632	TLR - 5a	ICT RC reissued TLR-5A. PC 93%. NNL responsibility notified. EES (Cox) NNL - 33.6, SOCO (Doug) NNL - 14.8, SPA (SPP RC) NNL - 2.9, AECI (TVA RC) NNL - 1.4, TVA (Cliff) NNL - 3.8.
07/21/10	1736	TLR - 5a	re-issued TLR 5A pC 90% nnl is EES=33.8 socio=14.7 spa=2.9 aeci=1.7 tva=3.9
07/21/10	1837	TLR - 5a	re-issued TLR 5A pC 90% nnl is EES=34.5 socio=17.8 spa=2.9 aeci=1.8 tva=3.9 socio did more than required so credit for next issue
07/21/10	1931	TLR - 5a	re-issued TLR 5A pC 94% nnl is EES=19.2 socio=8.4 spa=1.6 aeci=.9 tva=2.1 socio did more than required so credit for next issue
07/21/10	2009	Other	called ICT Tariff Johnny to extend AFC's for 6 more hours. From 2000 through tomorrow 0200.
07/21/10	2037	TLR - 5a	re-issued TLR 5A pC 94% nnl is EES=23.7 socio=10.1 spa=1.9 aeci=1.1 tva=2.6.
07/21/10	2133	TLR - 5a	re-issued tlr 5a pc 100% big scheduled change nnl is 0 for all parties. All verified and contacted that nnl is 0. may go to tlr 4 after schedule changes
07/21/10	2235	TLR - 1	ICT RC issued TLR1 PC 85%. Went from TLR 5A to TLR 1. Notified ICT Tariff Johnny to return AFC's back to normal and notified Sean EES. Updated Oasis REF. 274270.