

**ICTE TLR 5 Investigation Report**  
**Flowgate 1913**  
**(Keo - West Memphis 500 kV for the loss of Independence - Dell 500 kV)**  
**TLR Level 5: July 22, 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 22, 2010. Flowgate 1913 is an Entergy flowgate. The TLR 5 was in effect from 9:27 AM until 9:34 PM on July 22, 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 5b was issued, the Limiting Element was rated at 1740 MVA. Flow on the Limiting Element was 1445 MVA. Flow on the Contingent Element was 1202 MVA. The LODF was approximately 36%. Post-contingent flow on the Limiting Element was approximately 1877 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.

Event History									
Issuing RC:		ICTE							
Flowgate:		1913 - Keo-West Memphis 500 kV for the loss of Independence-Dell 500 kV							
Event Begin:		2010-07-22 06:35							
Event End:		2010-07-22 22:35							
Event Duration:		16 Hours							
TLR Level	TLR Date	TLR Confirm Time	Run Time	Requested Relief	Remaining Relief	Relief Provided	Total Cuts		
							Tags	MW	
<a href="#">TLR Level 4</a>	07/22/2010 06:35	07/22/2010 06:24	07/22/2010 06:23:02	0.0	0.0	0.0	7	345	
<a href="#">TLR Level 4</a>	07/22/2010 07:35	07/22/2010 07:28	07/22/2010 07:27:55	0.0	0.0	0.0	1	2	
<a href="#">TLR Level 5B</a>	07/22/2010 08:20	07/22/2010 08:25	07/22/2010 08:12:58	170.0	0.0	174.9	70	341	
<a href="#">TLR Level 5A</a>	07/22/2010 09:00	07/22/2010 08:36	07/22/2010 08:35:58	91.0	0.0	192.9	87	660	
<a href="#">TLR Level 5A</a>	07/22/2010 10:00	07/22/2010 09:29	07/22/2010 09:27:49	49.0	0.0	136.8	68	530	
<a href="#">TLR Level 5A</a>	07/22/2010 11:00	07/22/2010 10:28	07/22/2010 10:28:01	99.0	0.0	139.1	76	544	
<a href="#">TLR Level 5A</a>	07/22/2010 12:00	07/22/2010 11:34	07/22/2010 11:32:36	165.0	0.0	224.4	95	686	
<a href="#">TLR Level 5A</a>	07/22/2010 13:00	07/22/2010 12:26	07/22/2010 12:25:44	142.0	0.0	247.8	81	482	
<a href="#">TLR Level 5A</a>	07/22/2010 14:00	07/22/2010 13:26	07/22/2010 13:25:52	83.0	0.0	189.7	81	377	
<a href="#">TLR Level 5A</a>	07/22/2010 15:00	07/22/2010 14:27	07/22/2010 14:26:41	119.0	0.0	223.2	83	398	
<a href="#">TLR Level 5A</a>	07/22/2010 16:00	07/22/2010 15:28	07/22/2010 15:27:06	84.0	0.0	193.4	81	391	
<a href="#">TLR Level 5A</a>	07/22/2010 17:00	07/22/2010 16:37	07/22/2010 16:34:14	61.0	0.0	166.7	80	385	
<a href="#">TLR Level 5A</a>	07/22/2010 18:00	07/22/2010 17:32	07/22/2010 17:29:56	76.0	0.0	187.2	79	497	
<a href="#">TLR Level 5A</a>	07/22/2010 19:00	07/22/2010 18:37	07/22/2010 18:36:47	68.0	0.0	177.7	77	473	
<a href="#">TLR Level 5A</a>	07/22/2010 20:00	07/22/2010 19:33	07/22/2010 19:30:22	82.0	0.0	177.0	78	474	
<a href="#">TLR Level 5A</a>	07/22/2010 21:00	07/22/2010 20:34	07/22/2010 20:31:45	0.0	0.0	51.2	3	33	
<a href="#">TLR Level 1</a>	07/22/2010 21:40	07/22/2010 21:27	07/22/2010 21:26:33	0.0	0.0	0.0	0	0	
<a href="#">TLR Level 0</a>	07/22/2010 22:35	07/22/2010 22:26	07/22/2010 22:25:06	0.0	0.0	0.0	0	0	

### Event Summary

FILE SAVED AS: ICTE\_1913\_20100722\_0635.htm

Incident: ICTE\_1913\_20100722\_0635      Date: 07/22/2010      Reliability Coordinator: ICTE

Initial Conditions:      N/A

Flowgate: 1913 - Keo-West Memphis 500 KV for th...      Rating: 1740      LODF: 35.61%

TLR Direction: Normal

Effective StartTime: 07/22/2010 06:35      Effective EndTime: 07/22/2010 22:35      TLR Duration: 16 Hours and 0 Minutes

### TLR Actions

Confirm Time	Level	Effective Hour	Priority	Schedule						NLL Relief			Market Relief			Flow			TLR Action Comments		
				Total Tags Cut / Hold	MV	Relief	RC Cut Acknowledge	MV	Relief	MV	Relief	CA	IDC MW	RC Actn MW	Type	Mkt	IDC MW	RC Actn MW		Current	Post Cont.
Jul 22 08:24	TLR 4	CURRENT	1-NS	2 / 0	55	8.4	55	8.4	0	0.0	NONE	NONE	ED-2	SWPP	0.0	0.0	1338	1768	1209	N/A	
		2-NH	4 / 0	259	39.8	259	39.8	0	0.0	ED-6				SWPP	0.0	0.0					FIRM-7
				<b>Total</b>	<b>7 / 0</b>	<b>552</b>	<b>51.1</b>	<b>345</b>	<b>51.1</b>	<b>0</b>	<b>0.0</b>	<b>Total</b>	<b>0.0</b>	<b>0.0</b>							
				NEXT	1-NS	2 / 1	54	8.3	54	8.3	10	1.2	NONE	NONE							
				2-NH	2 / 0	153	25.9	153	25.9	0	0.0										
				<b>Total</b>	<b>4 / 1</b>	<b>552</b>	<b>35.1</b>	<b>207</b>	<b>35.1</b>	<b>10</b>	<b>1.2</b>										
Jul 22 07:28	TLR 4	CURRENT	1-NS	1 / 0	2	0.2	2	0.2	0	0.0	NONE	NONE	ED-2	SWPP	0.0	0.0	1378	1818	1242	N/A	
		2-NH	1 / 0	103	18.8	103	18.8	0	0.0	ED-6				SWPP	2.0	2.0					FIRM-7
				<b>Total</b>	<b>1 / 0</b>	<b>127</b>	<b>0.2</b>	<b>2</b>	<b>0.2</b>	<b>0</b>	<b>0.0</b>	<b>Total</b>	<b>3.0</b>	<b>3.0</b>							
				NEXT	1-NS	2 / 0	12	1.4	12	1.4	0	0.0	NONE	NONE							
				2-NH	1 / 0	103	18.8	103	18.8	0	0.0										
				3-ND	1 / 0	10	0.5	10	0.5	0	0.0										
				<b>Total</b>	<b>4 / 0</b>	<b>127</b>	<b>20.5</b>	<b>125</b>	<b>20.5</b>	<b>0</b>	<b>0.0</b>										
Jul 22 08:25	TLR 5B	CURRENT	7-F	70 / 0	341	88.8	341	88.8	0	0.0	AECI	3.0	3.0	ED-2	SWPP	0.0	0.0	1445	1873	1202	N/A
		2-NH	2 / 0	133	21.3	133	21.3	0	0.0	EES	52.0	52.0	ED-6		SWPP	4.0	4.0				
				<b>Total</b>	<b>70 / 0</b>	<b>341</b>	<b>68.6</b>	<b>341</b>	<b>68.6</b>	<b>0</b>	<b>0.0</b>	<b>Total</b>	<b>97.0</b>	<b>97.0</b>	<b>Total</b>	<b>10.0</b>	<b>10.0</b>				
				NEXT	1-NS	3 / 0	82	4.0	82	4.0	0	0.0	NONE	NONE							
				2-NH	2 / 0	133	21.3	133	21.3	0	0.0										
				3-ND	2 / 0	238	12.2	238	12.2	0	0.0										
				6-NN	2 / 0	58	9.4	58	9.4	0	0.0										
				7-F	59 / 1	484	87.5	484	87.5	22	3.6										
				<b>Total</b>	<b>68 / 1</b>	<b>341</b>	<b>134.4</b>	<b>975</b>	<b>134.4</b>	<b>22</b>	<b>3.6</b>										
Jul 22 08:38	TLR 5A	NEXT	1-NS	2 / 0	12	1.5	12	1.5	0	0.0	AECI	2.0	2.0	ED-2	SWPP	0.0	0.0	1392	1824	1215	N/A
		2-NH	2 / 0	133	21.3	133	21.3	0	0.0	EES	54.0	54.0	ED-6		SWPP	15.0	15.0				
				<b>Total</b>	<b>85 / 1</b>	<b>402</b>	<b>72.6</b>	<b>402</b>	<b>72.6</b>	<b>18</b>	<b>2.9</b>	<b>Total</b>	<b>18.0</b>	<b>18.0</b>	<b>Total</b>	<b>25.4</b>	<b>25.4</b>				
				NEXT	1-NS	2 / 0	82	2.7	82	2.7	0	0.0	NONE	NONE							
				2-NH	2 / 0	137	21.4	137	21.4	0	0.0										
				3-ND	1 / 0	208	10.8	208	10.8	0	0.0										
				7-F	83 / 0	133	25.8	133	25.8	0	0.0										
				<b>Total</b>	<b>68 / 0</b>	<b>530</b>	<b>60.2</b>	<b>530</b>	<b>60.2</b>	<b>0</b>	<b>0.0</b>	<b>Total</b>	<b>33.0</b>	<b>34.0</b>	<b>Total</b>	<b>42.7</b>	<b>42.7</b>				
Jul 22 10:28	TLR 5A	NEXT	1-NS	1 / 0	2	0.2	2	0.2	0	0.0	AECI	1.0	1.0	ED-2	SWPP	0.0	0.0	1341	1725	1079	N/A
		2-NH	1 / 0	103	19.7	103	19.7	0	0.0	EES	34.0	34.0	ED-6		SWPP	0.0	0.0				
				<b>Total</b>	<b>74 / 0</b>	<b>286</b>	<b>54.4</b>	<b>286</b>	<b>54.4</b>	<b>0</b>	<b>0.0</b>	<b>Total</b>	<b>11.0</b>	<b>11.0</b>	<b>Total</b>	<b>19.7</b>	<b>19.7</b>				
				NEXT	1-NS	1 / 0	2	0.2	2	0.2	0	0.0	NONE	NONE							
				2-NH	1 / 0	103	19.7	103	19.7	0	0.0										
				7-F	72 / 0	181	34.8	181	34.8	0	0.0										
				<b>Total</b>	<b>74 / 0</b>	<b>286</b>	<b>54.4</b>	<b>286</b>	<b>54.4</b>	<b>0</b>	<b>0.0</b>	<b>Total</b>	<b>52.0</b>	<b>52.0</b>	<b>Total</b>	<b>0.0</b>	<b>0.0</b>				
Jul 22 11:24	TLR 5A	NEXT	1-NS	1 / 0	2	0.2	2	0.2	0	0.0	AECI	3.0	3.0	ED-2	SWPP	0.0	0.0	1417	1815	1118	N/A
		2-NH	1 / 0	103	19.7	103	19.7	0	0.0	EES	67.0	67.0	ED-6		SWPP	0.0	0.0				
				<b>Total</b>	<b>93 / 0</b>	<b>428</b>	<b>81.4</b>	<b>428</b>	<b>81.4</b>	<b>0</b>	<b>0.0</b>	<b>Total</b>	<b>20.0</b>	<b>20.0</b>	<b>Total</b>	<b>29.3</b>	<b>29.3</b>				
				NEXT	1-NS	1 / 0	2	0.2	2	0.2	0	0.0	NONE	NONE							
				2-NH	1 / 0	103	18.4	103	18.4	0	0.0										
				7-F	79 / 0	377	59.7	377	59.7	0	0.0										
				<b>Total</b>	<b>81 / 0</b>	<b>482</b>	<b>88.3</b>	<b>482</b>	<b>88.3</b>	<b>0</b>	<b>0.0</b>	<b>Total</b>	<b>6.0</b>	<b>6.0</b>	<b>Total</b>	<b>60.2</b>	<b>60.2</b>				
Jul 22 12:28	TLR 5A	NEXT	1-NS	1 / 0	2	0.2	2	0.2	0	0.0	AECI	3.0	3.0	ED-2	SWPP	0.0	0.0	1302	1878	1052	N/A
		2-NH	1 / 0	103	18.4	103	18.4	0	0.0	EES	58.0	58.0	ED-6		SWPP	10.0	10.0				
				<b>Total</b>	<b>81 / 0</b>	<b>482</b>	<b>88.3</b>	<b>482</b>	<b>88.3</b>	<b>0</b>	<b>0.0</b>	<b>Total</b>	<b>27.0</b>	<b>27.0</b>	<b>Total</b>	<b>60.2</b>	<b>60.2</b>				
				NEXT	1-NS	1 / 0	2	0.2	2	0.2	0	0.0	NONE	NONE							
				7-F	80 / 0	375	69.3	375	69.3	0	0.0										
				<b>Total</b>	<b>81 / 0</b>	<b>377</b>	<b>69.4</b>	<b>377</b>	<b>69.4</b>	<b>0</b>	<b>0.0</b>	<b>Total</b>	<b>6.0</b>	<b>6.0</b>	<b>Total</b>	<b>23.1</b>	<b>23.1</b>				
Jul 22 14:27	TLR 5A	NEXT	1-NS	1 / 0	2	0.2	2	0.2	0	0.0	AECI	3.0	3.0	ED-2	SWPP	0.0	0.0	1242	1809	1031	N/A
		7-F	82 / 0	398	72.9	398	72.9	0	0.0	EES	60.0	60.0	ED-6		SWPP	0.0	0.0				
				<b>Total</b>	<b>83 / 0</b>	<b>398</b>	<b>73.0</b>	<b>398</b>	<b>73.0</b>	<b>0</b>	<b>0.0</b>	<b>Total</b>	<b>6.0</b>	<b>6.0</b>	<b>Total</b>	<b>47.4</b>	<b>47.4</b>				
				NEXT	1-NS	1 / 0	2	0.2	2	0.2	0	0.0	NONE	NONE							
				7-F	80 / 0	389	71.9	389	71.9	0	0.0										
				<b>Total</b>	<b>81 / 0</b>	<b>391</b>	<b>72.1</b>	<b>391</b>	<b>72.1</b>	<b>0</b>	<b>0.0</b>	<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>Total</b>	<b>22.4</b>	<b>22.4</b>				
Jul 22 15:28	TLR 5A	NEXT	1-NS	1 / 0	2	0.2	2	0.2	0	0.0	AECI	3.0	3.0	ED-2	SWPP	0.0	0.0	1240	1810	1041	N/A
		7-F	77 / 0	392	72.7	392	72.7	0	0.0	EES	59.0	59.0	ED-6		SWPP	0.0	0.0				
				<b>Total</b>	<b>81 / 0</b>	<b>391</b>	<b>72.1</b>	<b>391</b>	<b>72.1</b>	<b>0</b>	<b>0.0</b>	<b>Total</b>	<b>5.0</b>	<b>5.0</b>	<b>Total</b>	<b>0.0</b>	<b>0.0</b>				
				NEXT	1-NS	1 / 0	2	0.2	2	0.2	0	0.0	NONE	NONE							
				7-F	79 / 0	383	71.0	383	71.0	0	0.0										
				<b>Total</b>	<b>80 / 0</b>	<b>385</b>	<b>71.1</b>	<b>385</b>	<b>71.1</b>	<b>0</b>	<b>0.0</b>	<b>Total</b>	<b>95.0</b>	<b>106.0</b>	<b>Total</b>	<b>1.3</b>	<b>1.3</b>				
Jul 22 18:32	TLR 5A	NEXT	1-NS	1 / 0	2	0.2	2	0.2	0	0.0	AECI	3.0	3.0	ED-2	SWPP	0.0	0.0	1238	1802	1028	N/A
		7-F	77 / 0	392	72.7	392	72.7	0	0.0	EES	58.0	58.0	ED-6		SWPP	0.0	0.0				
				<b>Total</b>	<b>79 / 0</b>	<b>497</b>	<b>91.1</b>	<b>497</b>	<b>91.1</b>	<b>0</b>	<b>0.0</b>	<b>Total</b>	<b>7.0</b>	<b>7.0</b>	<b>Total</b>	<b>1.4</b>	<b>1.4</b>				

Jul 22 19:33	TLR 5A	NEXT	1-NS 2-NH 7-F Total	1 / 0 1 / 0 76 / 0 70 / 0	2 103 389 474	0.2 18.3 89.7 88.1	2 103 389 474	0.2 18.3 89.7 88.1	0 0 0 0	0.0 0.0 0.0 0.0	AECI EES SOCO SFA TVA Total	3.0 51.0 23.0 4.0 6.0 87.0	3.0 51.0 23.0 4.0 6.0 87.0	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	SWPP SWPP SWPP SWPP Total	0.0 0.0 1.3 0.0 1.3	0.0 0.0 1.3 0.0 1.3	1259 1638 1097	N/A
Jul 22 20:34	TLR 5A	NEXT	1-NS 2-NH Total	1 / 0 1 / 0 2 / 0	2 25 27	0.2 1.3 1.5	2 25 27	0.2 1.3 1.5	0 0 0	0.0 0.0 0.0	NONE	NONE	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	SWPP SWPP SWPP SWPP Total	0.0 39.0 10.0 0.0 49.0	0.0 39.0 10.0 0.0 49.0	1257 1848 1095	N/A
Jul 22 21:27	TLR 1	CURRENT				NONE					NONE			NONE				1082 1421 1010	N/A
Jul 22 22:35	TLR 0	CURRENT				NONE					NONE			NONE				927 1225 839	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	25	271	271	10
2	20	1581	1581	0
3	4	455	455	0
4	0	0	0	0
5	0	0	0	0
6	3	89	89	0
7	1064	4768	4768	40
<b>Total</b>	<b>1116</b>	<b>7145</b>	<b>7145</b>	<b>50</b>

#### TLR>NNL Totals

CA	NNL Relief	
	IDC MW	RC Ackn MW
AECI	34.0	35.0
EES	679.0	679.0
LAIN	3.0	4.0
SOCO	288.0	309.0
SFA	53.0	53.0
TVA	73.0	73.0
<b>Total</b>	<b>1130.0</b>	<b>1153.0</b>

#### TLR Market Flow Totals

Market	Type	Market Relief	
		IDC MW	RC Ackn MW
SWPP	ED-2	0.0	0.0
	ED-6	75.0	75.0
	FIRM-7	262.5	262.5
<b>Total for SWPP</b>		<b>337.5</b>	<b>337.5</b>
<b>Total</b>		<b>337.5</b>	<b>337.5</b>

07/22/10	0937	TLR - 5a	I Issued TLR 5a. PC 108% EES notified of>NNL of 54.3 achieved by redispach WB down 261. Oasis REF # 274535. SOCO notified their>NNL of 17.6 was achieved by Increasing Murray 500 up 115 and Murray 230 up 60 as well as decreasing watson 4 & 5 down 139 each.
07/22/10	1030	TLR - 5a	Re - Issued TLR 5a. PC 99% EES notified of>NNL of 22.3. Oasis REF # 274535. SOCO notified their>NNL of 7.4 was achieved by Increasing Murray 500 up 115 and Murray 230 up 60 as well as watson 5 up 100.
07/22/10	1133	TLR - 5a	Re - Issued TLR 5a. PC 99% EES notified of>NNL of 34.2. Oasis REF # 274535. SOCO notified their>NNL of 10.9 was achieved by Increasing Murray 500 up 115 and Murray 230 up 60 as well as watson 5 up 100.
07/22/10	1242	TLR - 5a	Re - Issued TLR 5a. PC 105% EES notified of>NNL of 67.1 by taking WB station to 1335 max. Oasis REF # 274535. SOCO notified their>NNL of 20.1 was achieved by Increasing Murray 500 @ 616 and Murray 230 @ 612 as well as watson 5 down 100. EES tariff to Zero AFCs through 19:00 7/22/10.

07/22/10	1327	TLR - 5a	Re - Issued TLR 5a. PC 97% EES notified of NNL of 58 by taking WB station to 1335 max. Oasis REF # 274535. SOCO notified their NNL of 26.6 was achieved by Increasing Murray 500 @ 630 and Murray 230 @ 620 as well as watson 5 @ min of 220MW.
07/22/10	1427	TLR - 5a	Re - Issued TLR 5a. PC 95% EES notified of NNL of 57.4 by taking WB station to 1335 max. Oasis REF # 274535. SOCO notified their NNL of 25.7 was achieved by Increasing Murray 500 @ 630 and Murray 230 @ 620 as well as watson 5 @ min of 220MW.
07/22/10	1527	TLR - 5a	Re - Issued TLR 5a. PC 93% EES notified of NNL of 60.2 by taking WB station to 1335 max. Oasis REF # 274535. SOCO notified their NNL of 27.0 was achieved by Increasing Murray 500 @ 630 and Murray 230 @ 620 as well as watson 5 @ min of 220MW.
07/22/10	1627	TLR - 5a	Re - Issued TLR 5a. PC 92% EES notified of NNL of 58.6 by taking WB station to 1335 max. Oasis REF # 274535. SOCO notified their NNL of 25.8 was achieved by Increasing Murray 500 @ 630 and Murray 230 @ 620 as well as watson 5 @ min of 220MW.
07/22/10	1740	TLR - 5a	Re - Issued TLR 5a. PC 93% EES notified of NNL of 55.6 by taking WB station to 1335 max. Oasis REF # 274535. SOCO notified their NNL of 24.5 was achieved by Increasing Murray 500 @ 630 and Murray 230 @ 620 as well as watson 5 @ min of 220MW.
07/22/10	1832	TLR - 5a	reissued TLR 5A. NNL ees 55.6, soco 25, lagn 0, swpp 4.7, aeci 2.8, tva 6.6. PC 92%.
07/22/10	1914	Other	called Johnny ICT Tariff to extend AFC's for 6 more hours from 1900 through 0100.
07/22/10	1931	TLR - 5a	reissued TLR 5A. NNL ees 52.6, soco 23.5, lagn 0 (this kept putting 1.3 in nnl and then taking it out, I 0 it out, swpp 4.4, aeci 2.6, tva 6.0. PC 93%.
07/22/10	2033	TLR - 5a	reissued TLR 5A. NNL ees 51.2, soco 23.3, lagn 0 (this kept putting 1.3 in nnl and then taking it out, I 0 it out, swpp 4.3, aeci 2.6, tva 6.1. PC 94%. Talked to TVA about the reliant Units being offline in IDC and the reliant units will not be coming offline till 2300.
07/22/10	2134	TLR - 5a	reissued TLR 5A. All NNL back to 0 notified all parties. PC 95%.
07/22/10	2227	TLR - 1	ICT RC issued TLR 1 PC 82%. Went from a TLR 5A to TLR 1. Notified EES Sean and ICT Tariff Johnny to return AFC's back to normal. Updated Oasis REF. 274535.
07/22/10	2326	TLR - 0	ICT RC issued TLR 0 PC 70%. Went from a TLR 1 to TLR 0. Notified EES Sean. Updated Oasis REF. 274535.