

**ICTE TLR 5 Investigation Report
Flowgate 1967
(Arkansas (ANO)–Pleasant Hills 500 kV for the loss of Arkansas-Mabelvale 500 kV)
TLR Level 5: April 23, 2011
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 1967 on April 23, 2011. Flowgate 1967 is an Entergy flowgate. The TLR 5 was in effect from 3:26 PM on April 23, 2011 until 2:26 AM on April 24, 2011. Projected post-contingent flows on the Arkansas (ANO) – Pleasant Hills 500 kV line for the loss of the Arkansas - Mabelvale 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 1732 MVA. Flow on the Limiting Element was 1051 MVA. Flow on the Contingent Element was 887 MVA. The LODF was approximately 80%. Post-contingent flow on the Limiting Element was approximately 1760 MVA.

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

TLRs levels, timing and relief requested amounts are shown on pages 5 through 9.

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

- There was an unplanned outage on both White Bluff units on the ICTE system associated with this flowgate.
- There were no abnormal load changes.
- There was 0 mw of non-firm service impacting the flowgate day of since the RC was in a TLR 5 event.

There was an unplanned outage on two Base Loaded units, White Bluff unit 1 and White Bluff unit 2, that significantly impacted the TLR 5 event. Units in the Entergy BA (including internal IPPs and QFs) have an average Generation Shift Factor (GSF) of 5% with the exception of two Base Loaded units with a Generation Shift Factor of approximately -69%. External units west of the flowgate have a negative impact.

5. Procedures implemented prior to hold/curtailment.

There were not enough non-firm transactions with greater than 5% TDF available for curtailment to alleviate the flowgate. The system was not re-dispatched to prevent curtailment of firm service. The ICT RC verifies with Entergy's Shift Supervisor before a TLR 5 event is called if there are any re-dispatch options available. The Entergy Shift Supervisor to-date has not offered any re-dispatch solutions to prevent a TLR 5 event.

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.

		Firm AFC available on ARKPLHL_ARKM (MW)																										
AFC Initialization Summary Report		04/23 HB0																										
Timestamp		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
04/24		HB 0	1	2																								
Prior to Day Ahead	4/21/11 18:49	358	405	398	391	389	389	398	407	417	433	442	453	453	453	458	466	463	468	464	452	473	460	438	438	404	393	386
Day Ahead	4/22/11 11:00	373	422	414	407	404	406	414	414	435	453	462	473	471	472	476	485	481	486	482	470	490	480	480	431	422	409	404
Prior to Day Ahead	4/22/11 18:47																									292	292	342
Day Ahead	4/23/11 10:54																									381	398	386
		Sum of impact of firm reservations and rfcalc baseflow on ARKPL																										
AFC Initialization Summary Report		04/23 HB0																										
Timestamp		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
04/24		HB 0	1	2																								
Prior to Day Ahead	4/21/11 18:49	1374	1327	1334	1341	1343	1343	1334	1325	1315	1299	1290	1279	1279	1274	1266	1269	1264	1268	1260	1259	1272	1294	1294	1328	1339	134	
Day Ahead	4/22/11 11:00	1359	1310	1318	1325	1328	1326	1318	1318	1297	1279	1270	1259	1261	1260	1256	1247	1251	1246	1250	1262	1242	1252	1252	1301	1310	1323	132
Prior to Day Ahead	4/22/11 18:47																									1440	1440	139
Day Ahead	4/23/11 10:54																									1351	1334	134
Difference for Prior to Day Ahead		15	17	16	16	15	17	16	7	18	20	20	20	18	19	18	19	18	18	18	18	17	20	42	-7	18	16	16
Difference for Day Ahead																										89	106	47

continued

AFC Initialization Summary Report		IL_ARKM (MW)																						
Timestamp		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
Prior to Day Ahead	4/21/11 18:49	390	390	393	400	409	418	427	427	424	424	431	422	420	432	441	464	454	480	480	445	419		
Day Ahead	4/22/11 11:00	406	406	408	415	424	435	446	449	443	443	449	444	441	450	459	486	477	502	498	468	443		
Prior to Day Ahead	4/22/11 18:47	349	354	353	346	361	374	380	385	389	389	391	390	395	411	420	419	420	420	408	387			
Day Ahead	4/23/11 10:54	397	401	401	395	411	411	426	431	434	437	436	435	440	455	468	475	472	482	480	468	433		
AFC Initialization Summary Report		IL_ARKM (MW)																						
Timestamp		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
Prior to Day Ahead	4/21/11 18:49	1342	1342	1339	1332	1323	1314	1305	1305	1308	1308	1301	1310	1312	1300	1291	1268	1278	1252	1252	1287	1313		
Day Ahead	4/22/11 11:00	1326	1326	1324	1317	1308	1297	1286	1283	1289	1289	1283	1288	1291	1282	1273	1246	1255	1230	1234	1264	1289		
Prior to Day Ahead	4/22/11 18:47	1383	1378	1379	1386	1371	1358	1352	1347	1343	1343	1341	1342	1337	1321	1312	1312	1313	1312	1324	1345			
Day Ahead	4/23/11 10:54	1335	1331	1331	1337	1321	1321	1306	1301	1298	1295	1296	1297	1292	1277	1266	1257	1260	1250	1252	1264	1299		
Difference for Prior to Day Ahead		16	16	15	15	15	17	19	22	19	19	18	22	21	18	18	22	23	22	18	23	24		
Difference for Day Ahead		48	47	48	49	50	37	46	46	45	48	45	45	44	46	55	53	62	60	60	46			

AFC Initialization Summary Report																		
Timestamp (CDT)		10	11	12	13	14	15	16	17	18	19	20	21	22	23			
Prior to Day Ahead	4/21/11 18:49	427	424	424	431	422	420	432	441	464	454	480	480	445	419	Film		
Day Ahead	4/22/11 11:00	449	443	443	449	444	441	450	459	486	477	502	498	468	443	Film		
Prior to Day Ahead	4/22/11 18:47	385	389	389	391	390	395	411	420	420	419	420	420	408	387	Film		
Operating Horizon	4/23/11 0:21															Not-Film		
Operating Horizon	4/23/11 2:18															Not-Film		
Operating Horizon	4/23/11 2:21															Not-Film		
Operating Horizon	4/23/11 3:19															Not-Film		
Operating Horizon	4/23/11 3:41															Not-Film		
Operating Horizon	4/23/11 4:19															Not-Film		
Operating Horizon	4/23/11 5:19															Not-Film		
Operating Horizon	4/23/11 7:15															Not-Film		
Operating Horizon	4/23/11 7:18															Not-Film		
Operating Horizon	4/23/11 8:17															Not-Film		
Operating Horizon	4/23/11 9:16															Not-Film		
Operating Horizon	4/23/11 10:42															Not-Film		
Day Ahead	4/23/11 10:54	431	434	437	436	435	440	455	466	475	472	482	480	468	433	Film		
Operating Horizon	4/23/11 11:15															Not-Film		
Operating Horizon	4/23/11 12:33	422	416	409	407	406	412	426	436	447	438	463	458	433	411	Not-Film		
Operating Horizon	4/23/11 13:28	423	417	410	408	405	409	422	432	432	434	461	456	434	411	Not-Film		
Operating Horizon	4/23/11 14:28	423	417	417	408	405	407	419	429	440	431	458	452	433	411	Not-Film		
Operating Horizon	4/23/11 15:28	394	387	380	378	375	377	386	394	406	396	423	417	404	383	Not-Film		
Operating Horizon	4/23/11 16:25	385	380	373	370	368	370	378	378	398	389	415	409	395	373	Not-Film		
Operating Horizon	4/23/11 17:24	397	391	384	382	382	381	389	397	408	400	424	418	408	386	Not-Film		
Operating Horizon	4/23/11 18:54	383	376	369	366	364	366	376	386	397	388	413	408	393	372	Not-Film		
Operating Horizon	4/23/11 19:23	393	387	380	377	374	376	387	397	408	399	424	418	404	382	Not-Film		
Operating Horizon	4/23/11 20:23	402	396	389	387	384	386	395	403	415	406	429	424	414	392	Not-Film		
Operating Horizon	4/23/11 21:23	396	389	383	380	378	380	394	403	415	405	428	424	407	385	Not-Film		
Operating Horizon	4/23/11 22:22	404	398	391	389	389	395	408	408	429	419	419	439	416	395	Not-Film		
Operating Horizon	4/23/11 23:21	425	425	425	426	417	422	435	444	456	456	477	468	439	404	Not-Film		
Operating Horizon	4/24/11 0:23	456	457	457	456	447	452	468	479	492	492	514	503	478	431	Not-Film		
Operating Horizon	4/24/11 2:18	488	488	487	487	486	492	508	519	519	523	545	543	529	529	Not-Film		
Operating Horizon	4/24/11 2:21	465	464	464	464	454	459	475	486	499	499	520	510	486	441	Not-Film		
Operating Horizon	4/24/11 3:20	469	469	468	468	458	464	480	490	503	503	525	515	515	445	Not-Film		
Operating Horizon	4/24/11 3:41	469	469	468	468	458	464	480	490	503	503	525	515	515	445	Not-Film		
Operating Horizon	4/24/11 4:19	476	476	475	475	465	470	486	496	509	509	530	521	496	452	Not-Film		
Operating Horizon	4/24/11 5:21	472	472	471	471	460	466	482	482	505	505	526	517	492	447	Not-Film		
Operating Horizon	4/24/11 6:44	455	454	452	453	443	448	462	474	487	487	507	496	476	430	Not-Film		
Operating Horizon	4/24/11 7:17	461	460	458	458	449	454	466	477	489	489	502	497	485	442	Not-Film		
Operating Horizon	4/24/11 8:18	427	456	454	454	445	450	462	471	483	484	498	491	478	437	Not-Film		
Operating Horizon	4/24/11 9:16	410	414	445	445	436	441	454	462	470	470	476	478	467	428	Not-Film		
Operating Horizon	4/24/11 10:45	0	0	0	0	0	429	442	451	461	461	475	469	456	418	Not-Film		
Operating Horizon	4/24/11 11:23		0	0	0	0	409	422	430	440	440	455	448	435	400	Not-Film		
Operating Horizon	4/24/11 12:35			0	0	0	390	398	405	417	418	433	425	417	392	Not-Film		
Operating Horizon	4/24/11 13:28				0	0	389	398	405	416	418	430	424	416	389	Not-Film		
Operating Horizon	4/24/11 14:28					0	381	383	399	410	412	419	419	411	383	Not-Film		
Operating Horizon	4/24/11 15:28						0	0	0	0	0	0	419	411	385	Not-Film		
Operating Horizon	4/24/11 16:28							0	0	0	0	0	425	422	399	Not-Film		
Operating Horizon	4/24/11 17:28								0	0	0	0	448	447	420	Not-Film		
Operating Horizon	4/24/11 19:00											0	442	442	415	Not-Film		
Operating Horizon	4/24/11 19:25											0	0	423	439	428	Not-Film	
Operating Horizon	4/24/11 20:25															Not-Film		
Operating Horizon	4/24/11 21:25											323	380	402	388	Not-Film		
Operating Horizon	4/24/11 22:22															Not-Film		
Operating Horizon	4/24/11 23:22															Not-Film	336	

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

This TLR was caused by a combination of generation patterns, load, and system flows along with two base loaded unplanned generation outages. 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 226 MW of NNL. AECI had 8 MW of NNL. SPA had 9 MW of NNL.

Event History

Issuing RC: ICTE
Flowgate: 1967 - Arkansas (ANO) - Pleasant Hills 500 kv (ftlo) Arkansas - Mabelvale 500 kv
Event Begin: 2011-04-23 12:45
Event End: 2011-04-24 23:20
Event Duration: 35 Hours

TLR Level	TLR Date	TLR Confirm Time	Run Time	Requested Relief	Remaining Relief	Relief Provided	Total Cuts	
							Tags	MW
TLR Level 1	04/23/2011 12:45	04/23/2011 12:34	04/23/2011 12:34:39	0.0	0.0	0.0	0	0
TLR Level 3B	04/23/2011 14:30	04/23/2011 14:10	04/23/2011 14:09:17	60.0	7.4	52.6	14	464
TLR Level 5B	04/23/2011 15:40	04/23/2011 15:30	04/23/2011 15:26:51	80.0	0.0	83.6	77	244
TLR Level 5A	04/23/2011 17:00	04/23/2011 16:29	04/23/2011 16:26:04	65.0	0.0	113.3	81	378
TLR Level 5A	04/23/2011 18:00	04/23/2011 17:29	04/23/2011 17:25:49	14.0	0.0	63.2	46	231
TLR Level 5A	04/23/2011 19:00	04/23/2011 18:32	04/23/2011 18:26:36	42.0	0.0	63.1	44	228
TLR Level 5A	04/23/2011 20:00	04/23/2011 19:30	04/23/2011 19:26:33	37.0	0.0	58.7	49	318
TLR Level 5A	04/23/2011 21:00	04/23/2011 20:30	04/23/2011 20:27:28	37.0	0.0	50.0	41	211
TLR Level 5A	04/23/2011 22:00	04/23/2011 21:32	04/23/2011 21:30:49	72.0	0.0	86.2	73	352
TLR Level 5A	04/23/2011 23:00	04/23/2011 22:33	04/23/2011 22:30:42	106.0	0.0	138.1	53	440
TLR Level 5A	04/24/2011 00:00	04/23/2011 23:29	04/23/2011 23:26:44	85.0	0.0	115.2	61	417
TLR Level 5A	04/24/2011 01:00	04/24/2011 00:40	04/24/2011 00:36:23	74.0	0.0	97.4	44	382
TLR Level 5A	04/24/2011 02:00	04/24/2011 01:31	04/24/2011 01:28:01	64.0	0.0	77.2	9	331
TLR Level 5A	04/24/2011 03:00	04/24/2011 02:29	04/24/2011 02:26:13	57.0	0.0	57.8	9	331
TLR Level 4	04/24/2011 03:35	04/24/2011 03:26	04/24/2011 03:25:28	0.0	0.0	0.0	0	0
TLR Level 4	04/24/2011 04:35	04/24/2011 04:26	04/24/2011 04:25:50	0.0	0.0	0.0	0	0
TLR Level 4	04/24/2011 05:40	04/24/2011 05:29	04/24/2011 05:29:04	0.0	0.0	0.0	0	0
TLR Level 4	04/24/2011 06:45	04/24/2011 06:27	04/24/2011 06:27:06	0.0	0.0	0.0	0	0
TLR Level 4	04/24/2011 07:45	04/24/2011 07:29	04/24/2011 07:28:46	0.0	0.0	0.0	1	104
TLR Level 4	04/24/2011 08:45	04/24/2011 08:26	04/24/2011 08:26:09	0.0	0.0	0.0	2	208
TLR Level 4	04/24/2011 09:45	04/24/2011 09:27	04/24/2011 09:26:44	0.0	0.0	0.0	6	412
TLR Level 4	04/24/2011 10:35	04/24/2011 10:26	04/24/2011 10:25:54	0.0	0.0	0.0	4	297
TLR Level 4	04/24/2011 11:35	04/24/2011 11:26	04/24/2011 11:26:27	0.0	0.0	0.0	3	258
TLR Level 4	04/24/2011 12:45	04/24/2011 12:29	04/24/2011 12:29:26	0.0	0.0	0.0	3	201
TLR Level 4	04/24/2011 13:45	04/24/2011 13:26	04/24/2011 13:25:59	0.0	0.0	0.0	2	115
TLR Level 4	04/24/2011 14:45	04/24/2011 14:28	04/24/2011 14:27:50	0.0	0.0	0.0	2	100
TLR Level 4	04/24/2011 15:45	04/24/2011 15:26	04/24/2011 15:26:23	0.0	0.0	0.0	2	94
TLR Level 4	04/24/2011 16:45	04/24/2011 16:28	04/24/2011 16:28:18	0.0	0.0	0.0	3	106
TLR Level 4	04/24/2011 17:45	04/24/2011 17:26	04/24/2011 17:25:45	0.0	0.0	0.0	0	0
TLR Level 4	04/24/2011 18:40	04/24/2011 18:33	04/24/2011 18:27:26	0.0	0.0	0.0	0	0
TLR Level 1	04/24/2011 19:40	04/24/2011 19:29	04/24/2011 19:28:59	0.0	0.0	0.0	0	0
TLR Level 0	04/24/2011 23:20	04/24/2011 23:08	04/24/2011 23:07:38	0.0	0.0	0.0	0	0

Event Summary

FILE SAVED AS: ICTE_1967_20110423_1145.htm

Incident: ICTE_1967_20110423_1145	Date: 04/23/2011	Reliability Coordinator: ICTE
Initial Conditions: N/A		
Flowgate: 1967 - Arkansas (ANO) - Pleasant Hill...	Rating: 1732	LODF: 79.96%
TLR Direction: Normal		
Effective StartTime: 04/23/2011 12:45	Effective EndTime: 04/24/2011 23:20	TLR Duration: 34 Hours and 35 Minutes

TLR Actions

Confirm Time	Level	Effective Hour	Priority	Schedule						NHL Relief			Market Relief				Flow			TLR Action Comments	
				Total Tags Cut / Hold	MW	Relief	RC Cut Acknowledge	MW	Relief	MW	Relief	CA	IDC MW	RC Ackn MW	Type	Mkt	IDC MW	RC Ackn MW	Current		Post Cont.
Apr 23 12:34	TLR 1	CURRENT		NONE						NONE			NONE				1037	1722	887	N/A	
Apr 23 14:10	TLR 3B	CURRENT	1-NS	3 / 0	116	12.5	116	12.5	0	0.0	NONE			ED-2	SWPP	0.0	0.0	1057	1769	891	N/A
		2-NH	4 / 0	101	7.6	101	7.6	0	0.0	ED-3	SWPP	25.0	25.0								
			5-NN	7 / 0	247	20.5	247	20.5	0	0.0	FIRM-7	SWPP	0.0	0.0							
			Total	14 / 0	609	40.6	609	40.6	0	0.0			25.0	25.0							
		NEXT	1-NS	2 / 0	41	6.1	41	6.1	0	0.0	NONE			ED-2	SWPP	0.0	0.0				
			2-NH	4 / 0	114	6.3	114	6.3	0	0.0	ED-3	SWPP	11.9	11.9							
			5-NN	6 / 1	106	11.0	106	11.0	80	8.8	FIRM-7	SWPP	0.0	0.0							
			7-F	0 / 2	0	0.0	0	0.0	66	10.1	FIRM-CREDIT	SWPP	11.9	11.9							
			Total	12 / 3	609	23.4	609	23.4	145	16.8			11.9	11.9							
Apr 23 15:33	TLR 5B	CURRENT	5-NN	4 / 0	69	6.0	69	6.0	0	0.0	AECI	1.0	1.0	ED-2	SWPP	0.0	0.0	1051	1760	887	N/A
		7-F	73 / 0	175	17.1	175	17.1	0	0.0	EES	42.0	42.0	ED-3	SWPP	17.0	17.0					
			Total	77 / 0	244	23.1	244	23.1	0	0.0	Total	45.0	45.0	Total	32.5	32.5					
		NEXT	1-NS	5 / 0	51	7.1	51	7.1	0	0.0	NONE			NONE							
			2-NH	3 / 0	18	1.4	18	1.4	0	0.0											
			5-NN	3 / 0	148	11.9	148	11.9	0	0.0											
			7-F	66 / 0	158	14.8	158	14.8	0	0.0											
			Total	77 / 0	244	35.2	244	35.2	0	0.0											
Apr 23 16:29	TLR 5A	NEXT	1-NS	2 / 0	41	6.1	41	6.1	0	0.0	AECI	1.0	2.0	ED-2	SWPP	0.0	0.0	1023	1708	855	N/A
		2-NH	4 / 0	87	4.7	87	4.7	0	0.0	EES	44.0	44.0	ED-3	SWPP	21.0	21.0					
			5-NN	2 / 0	68	5.2	68	5.2	0	0.0	SPA	2.0	2.0	FIRM-7	SWPP	11.2	11.2				
			7-F	74 / 0	182	17.9	182	17.9	0	0.0	Total	47.0	48.0	Total	32.2	32.2					
			Total	82 / 0	378	33.9	378	33.9	0	0.0				Total	32.2	32.2					
Apr 23 17:29	TLR 5A	NEXT	1-NS	2 / 0	41	6.1	41	6.1	0	0.0	AECI	1.0	1.0	ED-2	SWPP	0.0	0.0	988	1630	804	N/A
		2-NH	1 / 0	3	0.2	3	0.2	0	0.0	EES	18.0	18.0	ED-3	SWPP	17.0	17.0					
			5-NN	2 / 0	68	4.8	68	4.8	0	0.0	SPA	1.0	1.0	FIRM-7	SWPP	5.4	5.4				
			7-F	41 / 0	99	7.6	99	7.6	0	0.0	Total	20.0	20.0	Total	22.4	22.4					
			Total	46 / 0	181	18.7	181	18.7	0	0.0				Total	22.4	22.4					
Apr 23 18:32	TLR 5A	NEXT	1-NS	2 / 0	41	6.1	41	6.1	0	0.0	AECI	1.0	1.0	ED-2	SWPP	0.0	0.0	992	1649	822	N/A
		2-NH	1 / 0	50	2.9	50	2.9	0	0.0	EES	16.0	16.0	ED-3	SWPP	17.0	17.0					
			5-NN	2 / 0	68	4.8	68	4.8	0	0.0	SPA	1.0	1.0	FIRM-7	SWPP	5.3	5.3				
			7-F	39 / 0	99	7.7	99	7.3	0	0.0	Total	20.0	20.0	Total	22.3	22.3					
			Total	44 / 0	228	21.5	224	21.1	0	0.0				Total	22.3	22.3					
Apr 23 19:30	TLR 5A	NEXT	1-NS	2 / 0	41	5.9	41	5.9	0	0.0	EES	10.0	10.0	ED-2	SWPP	0.0	0.0	973	1608	795	N/A
		2-NH	1 / 0	50	2.7	50	2.7	0	0.0	Total	10.0	10.0	Total	19.6	19.6						
			5-NN	3 / 0	168	13.7	168	13.7	0	0.0				FIRM-7	SWPP	2.6	2.6				
			7-F	43 / 0	99	5.9	99	5.9	0	0.0	Total	49 / 0	318	28.2	318	28.2	0	0.0			
			Total	49 / 0	318	28.2	318	28.2	0	0.0				Total	19.6	19.6					
Apr 23 20:30	TLR 5A	NEXT	1-NS	2 / 0	41	6.1	41	6.1	0	0.0	EES	10.0	10.0	ED-2	SWPP	0.0	0.0	864	1618	794	N/A
		2-NH	1 / 0	50	2.9	50	2.9	0	0.0	Total	10.0	10.0	Total	19.7	19.7						
			5-NN	2 / 0	68	4.8	68	4.8	0	0.0				FIRM-7	SWPP	2.7	2.7				
			7-F	38 / 0	99	5.5	99	5.5	0	0.0	Total	41 / 0	211	19.3	211	19.3	0	0.0			
			Total	41 / 0	211	19.3	211	19.3	0	0.0				Total	19.7	19.7					
Apr 23 21:32	TLR 5A	NEXT	1-NS	2 / 0	41	5.9	41	5.9	0	0.0	AECI	1.0	1.0	ED-2	SWPP	0.0	0.0	960	1618	798	N/A
		2-NH	3 / 0	101	5.8	101	5.8	0	0.0	EES	27.0	27.0	ED-3	SWPP	18.0	18.0					
			5-NN	2 / 0	68	5.3	68	5.3	0	0.0	SPA	1.0	1.0	FIRM-7	SWPP	8.7	8.7				
			7-F	87 / 1	142	13.2	142	13.2	11	0.8	Total	29.0	29.0	Total	26.7	26.7					
			Total	74 / 1	352	30.2	352	30.2	11	0.8				Total	26.7	26.7					
Apr 23 22:33	TLR 5A	NEXT	1-NS	2 / 0	41	6.1	41	6.1	0	0.0	AECI	1.0	1.0	ED-2	SWPP	0.0	0.0	990	1659	830	N/A
		2-NH	5 / 0	236	15.4	236	15.4	0	0.0	EES	26.0	26.0	ED-3	SWPP	49.0	49.0					
			5-NN	2 / 0	68	4.8	68	4.8	0	0.0	SPA	1.0	1.0	FIRM-7	SWPP	24.5	24.5				
			7-F	45 / 0	99	10.5	99	10.5	0	0.0	Total	28.0	28.0	Total	73.5	73.5					
			Total	54 / 0	440	36.7	440	36.7	0	0.0				Total	73.5	73.5					
Apr 23 23:29	TLR 5A	NEXT	1-NS	2 / 0	26	3.1	26	3.1	0	0.0	AECI	1.0	1.0	ED-2	SWPP	0.0	0.0	952	1562	769	N/A
		2-NH	5 / 0	237	14.1	237	14.1	0	0.0	EES	20.0	20.0	ED-3	SWPP	56.0	56.0					
			5-NN	2 / 0	68	5.3	68	5.3	0	0.0	SPA	1.0	1.0	FIRM-7	SWPP	6.7	6.7				
			7-F	53 / 0	88	8.7	88	8.7	0	0.0	Total	22.0	22.0	Total	62.7	62.7					
			Total	62 / 0	417	31.2	417	31.2	0	0.0				Total	62.7	62.7					
Apr 24 00:40	TLR 5A	NEXT	1-NS	2 / 0	26	2.9	26	2.9	0	0.0	EES	11.0	11.0	ED-2	SWPP	0.0	0.0	919	1538	772	N/A
		2-NH	5 / 0	237	15.0	237	15.0	0	0.0	Total	11.0	11.0	Total	57.7	57.7						
			5-NN	2 / 0	68	4.8	68	4.8	0	0.0				FIRM-7	SWPP	9.7	9.7				
			7-F	36 / 0	51	5.6	51	5.6	0	0.0	Total	45 / 0	382	28.4	382	28.4	0	0.0			
			Total	45 / 0	382	28.4	382	28.4	0	0.0				Total	57.7	57.7					
Apr 24 01:31	TLR 5A	NEXT	1-NS	2 / 0	26	3.1	26	3.1	0	0.0	NONE			ED-2	SWPP	0.0	0.0	918	1545	765	N/A
		2-NH	5 / 0	237	13.9	237	13.9	0													

Apr 24 04.26	TLR 4	CURRENT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 17.0 1.0 18.0	0.0 17.0 1.0 18.0	917	1551	793	N/A
		NEXT	1-NS 2-NH 5-NN Total	2 / 0 5 / 0 2 / 0 9 / 0	26 236 68 330	2.9 15.0 4.8 22.7	26 236 68 330	2.9 15.0 4.8 22.7	0 0 0 0	0.0 0.0 0.0 0.0	NONE	NONE							
Apr 24 05.29	TLR 4	CURRENT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 17.0 2.0 19.0	0.0 17.0 2.0 19.0	916	1542	784	N/A
		NEXT	1-NS 2-NH 5-NN Total	2 / 0 2 / 0 2 / 0 6 / 0	26 125 68 219	2.9 8.9 4.8 16.6	26 125 68 219	2.9 8.9 4.8 16.6	0 0 0 0	0.0 0.0 0.0 0.0	NONE	NONE							
Apr 24 06.27	TLR 4	CURRENT	NONE								NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 42.0 9.0 51.0	0.0 42.0 9.0 51.0	928	1563	795	N/A
		NEXT	1-NS 2-NH 5-NN Total	1 / 0 2 / 0 2 / 0 5 / 0	1 125 68 194	0.1 8.9 4.8 13.8	1 125 68 194	0.1 8.9 4.8 13.8	0 0 0 0	0.0 0.0 0.0 0.0	NONE	NONE							
Apr 24 07.29	TLR 4	CURRENT	2-NH Total	1 / 0 1 / 0	104 298	5.4 5.4	104 104	5.4 5.4	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 17.0 7.0 24.0	0.0 17.0 7.0 24.0	908	1522	769	N/A
		NEXT	1-NS 2-NH 5-NN Total	1 / 0 2 / 0 2 / 0 5 / 0	1 125 68 298	0.1 8.9 4.8 13.8	1 125 68 194	0.1 8.9 4.8 13.8	0 0 0 0	0.0 0.0 0.0 0.0	NONE	NONE							
Apr 24 08.26	TLR 4	CURRENT	2-NH Total	2 / 0 2 / 0	208 492	10.8 10.8	208 208	10.8 10.8	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 17.0 0.0 17.0	0.0 17.0 0.0 17.0	903	1498	745	N/A
		NEXT	1-NS 2-NH 5-NN Total	1 / 0 2 / 0 3 / 0 6 / 0	1 125 155 492	0.1 8.9 13.1 22.1	1 125 155 284	0.1 8.9 13.1 22.1	0 0 0 0	0.0 0.0 0.0 0.0	NONE	NONE							
Apr 24 08.27	TLR 4	CURRENT	1-NS 2-NH 5-NN Total	1 / 0 4 / 0 1 / 0 6 / 0	1 321 90 696	0.1 18.4 8.8 27.3	1 321 90 412	0.1 18.4 8.8 27.3	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 17.0 0.0 17.0	0.0 17.0 0.0 17.0	915	1499	731	N/A
		NEXT	1-NS 2-NH 5-NN Total	1 / 0 2 / 0 3 / 0 6 / 0	1 125 155 696	0.1 8.9 13.1 22.3	1 125 155 284	0.1 8.9 13.1 22.3	0 0 0 0	0.0 0.0 0.0 0.0	NONE	NONE							
Apr 24 10.26	TLR 4	CURRENT	2-NH Total	4 / 0 4 / 0	297 416	15.4 15.4	297 297	15.4 15.4	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 17.0 0.0 17.0	0.0 17.0 0.0 17.0	912	1490	723	N/A
		NEXT	1-NS 2-NH Total	1 / 0 1 / 0 2 / 0	1 60 61	0.1 2.8 2.9	1 60 61	0.1 2.8 2.9	0 0 0	0.0 0.0 0.0	NONE	NONE							

			2-NH	1 / 0	50	2.9	50	2.9	0	0.0									
			5-NN	2 / 0	65	4.8	65	4.8	0	0.0									
			Total	4 / 0	416	7.8	119	7.8	0	0.0									
Apr 24 11:28	TLR 4	CURRENT	2-NH	3 / 0	258	13.4	258	13.4	0	0.0	NONE	ED-2	SWPPP	0.0	0.0	929	1519	739	N/A
			Total	3 / 0	327	13.4	258	13.4	0	0.0		ED-5	SWPPP	17.0	17.0				
												FIRM-7	SWPPP	0.0	0.0				
			Total									Total		17.0	17.0				
		NEXT	1-NS	1 / 0	1	0.1	1	0.1	0	0.0	NONE	NONE							
			5-NN	2 / 0	58	4.8	58	4.8	0	0.0									
			Total	3 / 0	327	4.9	69	4.9	0	0.0									
Apr 24 12:29	TLR 4	CURRENT	2-NH	3 / 0	201	10.5	201	10.5	0	0.0	NONE	ED-2	SWPPP	0.0	0.0	988	1628	801	N/A
			Total	3 / 0	270	10.5	201	10.5	0	0.0		ED-5	SWPPP	16.0	16.0				
												FIRM-7	SWPPP	0.0	0.0				
			Total									Total		16.0	16.0				
		NEXT	1-NS	1 / 0	1	0.1	1	0.1	0	0.0	NONE	NONE							
			5-NN	2 / 0	58	4.8	58	4.8	0	0.0									
			Total	3 / 0	270	4.9	69	4.9	0	0.0									
Apr 24 13:26	TLR 4	CURRENT	2-NH	2 / 0	115	5.9	115	5.9	0	0.0	NONE	ED-2	SWPPP	0.0	0.0	995	1645	813	N/A
			Total	2 / 0	184	5.9	115	5.9	0	0.0		ED-5	SWPPP	16.0	16.0				
												FIRM-7	SWPPP	0.0	0.0				
			Total									Total		16.0	16.0				
		NEXT	1-NS	1 / 0	1	0.1	1	0.1	0	0.0	NONE	NONE							
			5-NN	2 / 0	58	4.8	58	4.8	0	0.0									
			Total	3 / 0	184	4.9	69	4.9	0	0.0									
Apr 24 14:26	TLR 4	CURRENT	2-NH	2 / 0	100	5.2	100	5.2	0	0.0	NONE	ED-2	SWPPP	0.0	0.0	1001	1651	814	N/A
			Total	2 / 0	169	5.2	100	5.2	0	0.0		ED-5	SWPPP	16.0	16.0				
												FIRM-7	SWPPP	0.0	0.0				
			Total									Total		16.0	16.0				
		NEXT	1-NS	1 / 0	1	0.1	1	0.1	0	0.0	NONE	NONE							
			5-NN	2 / 0	58	4.8	58	4.8	0	0.0									
			Total	3 / 0	169	4.9	69	4.9	0	0.0									
Apr 24 15:26	TLR 4	CURRENT	2-NH	2 / 0	94	4.9	94	4.9	0	0.0	NONE	ED-2	SWPPP	0.0	0.0	999	1648	812	N/A
			Total	2 / 0	163	4.9	94	4.9	0	0.0		ED-5	SWPPP	17.0	17.0				
												FIRM-7	SWPPP	0.0	0.0				
			Total									Total		17.0	17.0				
		NEXT	1-NS	1 / 0	1	0.1	1	0.1	0	0.0	NONE	NONE							
			5-NN	2 / 0	58	4.8	58	4.8	0	0.0									
			Total	3 / 0	163	4.9	69	4.9	0	0.0									
Apr 24 16:26	TLR 4	CURRENT	2-NH	3 / 0	108	5.5	108	5.5	0	0.0	NONE	ED-2	SWPPP	0.0	0.0	983	1615	791	N/A
			Total	3 / 0	175	5.5	106	5.5	0	0.0		ED-5	SWPPP	17.0	17.0				
												FIRM-7	SWPPP	0.0	0.0				
			Total									Total		17.0	17.0				
		NEXT	1-NS	1 / 0	1	0.1	1	0.1	0	0.0	NONE	NONE							
			5-NN	2 / 0	58	4.8	58	4.8	0	0.0									
			Total	3 / 0	175	4.9	69	4.9	0	0.0									
Apr 24 17:26	TLR 4	CURRENT	NONE								NONE	ED-2	SWPPP	0.0	0.0	971	1590	782	N/A
												ED-5	SWPPP	17.0	17.0				
												FIRM-7	SWPPP	0.0	0.0				
												Total		17.0	17.0				
		NEXT	1-NS	1 / 0	1	0.1	1	0.1	0	0.0	NONE	NONE							
			5-NN	2 / 0	58	4.8	58	4.8	0	0.0									
			Total	3 / 0	69	4.9	69	4.9	0	0.0									
Apr 24 18:33	TLR 4	CURRENT	NONE								NONE	ED-2	SWPPP	0.0	0.0	947	1554	780	N/A
												ED-5	SWPPP	17.0	17.0				
												FIRM-7	SWPPP	0.0	0.0				
												Total		17.0	17.0				
		NEXT	1-NS	1 / 0	1	0.1	1	0.1	0	0.0	NONE	NONE							
			5-NN	2 / 0	58	4.8	58	4.8	0	0.0									
			Total	3 / 0	69	4.9	69	4.9	0	0.0									
Apr 24 19:29	TLR 1	CURRENT	NONE								NONE	NONE				944	1542	749	N/A
Apr 24 23:08	TLR 0	CURRENT	NONE								NONE	NONE				934	1554	788	N/A

TLR Schedule Totals

Priority	Schedule			
	Total Tags Cut / Hold	IDG Cut MW	RC Cut Acknowledge MW	Hold MW
0	0	0	0	0
1	52	691	691	0
2	94	4707	4707	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	78	2776	2776	80
7	573	1138	1134	76
Total	797	9312	9308	166

TLR NNL Totals

CA	NNL Relief	
	IDC MW	RC Ackn MW
AECI	7.0	0.0
EES	228.0	228.0
SPA	9.0	9.0
Total	242.0	243.0

TLR Market Flow Totals

Market	Type	Market Relief	
		IDC MW	RC Ackn MW
SWPP	ED-2	0.0	0.0
	ED-6	884.0	884.0
	FIRM-7	117.3	117.3
Total for SWPP		801.3	801.3
Total		801.3	801.3

Date	Time	Category	Issue
04/23/11	1233	ICP/LAP Assessment	Assessed as ICP.Notified EES
04/23/11	1234	TLR - 1	Issued TLR1. PC% 99%.Notified EES . OASIS 414948.
04/23/11	1409	TLR - 3b Initial	Issued TLR3B.PC 102%.OASIS ref 414948 updated.
04/23/11	1414	TA Notification	Spoke to TA and asked him to zero out AFC's for the next six hours until 2100.
04/23/11	1416	No Internal NonFirm Tags	
04/23/11	1526	TLR - 5b Initial	Reissue TLR 5B PC101% OASIS Ref 414948
04/23/11	1537	TLR - Redispatch Question	None @16:00 EES called to state that there was no conditional firm schedules on FG1967.
04/23/11	1538	No Internal NonFirm Tags	
04/23/11	1626	TLR - 5a Reissue	Reissue TLR 5A PC 98% OASIS Ref 414948
04/23/11	1633	No Internal NonFirm Tags	
04/23/11	1725	TLR - 5a Reissue	Re-issue TLR5A. PC 94%. EES NNL 18.0 AECI NNL .5 SPA .7.
04/23/11	1726	No Internal NonFirm Tags	
04/23/11	1832	TLR - 5a Reissue	reissued TLR 5a PC 95%. EES NNL 17.9, AECI NNL .8, SPA NNL .6.
04/23/11	1832	No Internal NonFirm Tags	
04/23/11	1930	TLR - 5a Reissue	reissued TLR 5a PC 92%. EES NNL 10.2, SPA NNL .4, AECI NNL .3
04/23/11	1930	No Internal NonFirm Tags	
04/23/11	2030	TA Notification	Notified ICT Tariff to extend AFC's for 6 more hours from 2100 through 0300.
04/23/11	2030	TLR - 5a Reissue	reissued TLR 5a PC 93%. EES NNL 10.3, SPA .4, AECI .4.
04/23/11	2030	No Internal NonFirm Tags	

04/23/11	2132	TLR - 5a Reissue	reissued TLR 5a PC 93%. EES NNL 27.4, SPA NNL 1.1, AECI .8
04/23/11	2132	No Internal NonFirm Tags	
04/23/11	2233	TLR - 5a Reissue	reissued TLR 5a PC 95%. EES NNL 26, SPA NNL 1, AECI .9
04/23/11	2233	No Internal NonFirm Tags	
04/23/11	2329	TLR - 5a Reissue	reissued TLR 5a PC 91%. EES NNL 20, SPA .7, AECI .5.
04/23/11	2329	No Internal NonFirm Tags	
04/24/11	0040	No Internal NonFirm Tags	
04/24/11	0040	TLR - 5a Reissue	reissued TLR 5a PC 88%. EES NNL 10.7, SPA NNL .4, AECI NNL .3
04/24/11	0131	TLR - 5a Reissue	reissued TLR 5a PC 89%. NNL 0 for EES, SPA, AECI.
04/24/11	0131	No Internal NonFirm Tags	
04/24/11	0226	TA Notification	talked to ICT Tariff to extend AFC's to 0 for 6 hours from 0300 through 0900.
04/24/11	0226	No Internal NonFirm Tags	
04/24/11	0226	TLR - 5a Reissue	Reissued TLR5A, PC 90%
04/24/11	0326	TLR - 4 Initial	issued TLR 4 PC 90%. Notified EES Alan.
04/24/11	0326	TA Notification	Notified ICT Tariff that we went from a TLR 5a to TLR 4. Keep AFC's suspended.
04/24/11	0326	No Internal NonFirm Tags	
04/24/11	0426	TLR - 4 Reissue	reissued TLR 4 PC 89%.
04/24/11	0426	No Internal NonFirm Tags	
04/24/11	0529	TLR - 4 Reissue	reissued TLR 4 PC 89%.
04/24/11	0529	No Internal NonFirm Tags	
04/24/11	0627	TLR - 4 Reissue	Re-issue TLR4. PC 90%.
04/24/11	0627	No Internal NonFirm Tags	
04/24/11	0728	TLR - 4 Reissue	RE-issue TLR4. PC 87%
04/24/11	0728	No Internal NonFirm Tags	
04/24/11	0826	TLR - 4 Reissue	
04/24/11	0830	No Internal NonFirm Tags	
04/24/11	0926	TLR - 4 Reissue	Reissue TLR PC86%
04/24/11	0930	No Internal NonFirm Tags	
04/24/11	1025	TLR - 4 Reissue	
04/24/11	1030	No Internal NonFirm Tags	
04/24/11	1126	No Internal NonFirm Tags	
04/24/11	1126	TLR - 4 Reissue	Reissue TLR4 PC87%
04/24/11	1229	TLR - 4 Reissue	Reissue TLR4 PC94%
04/24/11	1230	No Internal NonFirm Tags	
04/24/11	1329	TLR - 4 Reissue	Reissue TLR4 PC94%
04/24/11	1331	No Internal NonFirm Tags	
04/24/11	1427	No Internal NonFirm Tags	
04/24/11	1427	TLR - 4 Reissue	Reissue TLR4 PC 95%.

04/24/11	1435	TA Notification	Requested ICT TA to extend zero'ing out AFCs on FG 1967 until 2100.
04/24/11	1526	No Internal NonFirm Tags	
04/24/11	1526	TLR - 4 Reissue	Reissue TLR4 PC 95%.
04/24/11	1628	No Internal NonFirm Tags	
04/24/11	1628	TLR - 4 Reissue	Reissue TLR4 PC 93%.
04/24/11	1725	TLR - 4 Reissue	Reissue TLR4 PC 92%.
04/24/11	1725	No Internal NonFirm Tags	
04/24/11	1833	No Internal NonFirm Tags	
04/24/11	1833	TLR - 4 Reissue	reissued TLR 4 PC 89%.
04/24/11	1929	TA Notification	Talked to ICT Tariff to return AFC's back to normal. Going to a TLR 1.
04/24/11	1929	TLR - 1	issued TLR 1 PC 89%. Notified Alan EES. REF. 414948.
04/24/11	2306	TLR - 0	issued TLR 0 PC 90%. Notified Alan EES. REF. 414948.