

**SPP TLR 5 Investigation Report
Flowgate 6007
(Gentleman – Red Willow 345 kV)
(GENTLMREDWIL)
TLR Level 5: July 11-12, 2009
Report Issued: August 10, 2009**

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

This report is submitted in accordance with the NERC Transmission Loading Relief Investigation Procedure for the Level 5 TLR event that occurred on Flowgate 6007 on July 11-12, 2009. Flowgate 6007 is an SPP flowgate. This flowgate is used to monitor and control voltage and loading on several facilities in the area. The Level 5 TLR was in effect from 14:00 until 17:00 CST on July 11 and again from 4:00 on July 12 to 0:00 on July 13, 2009. Projected flows on the Gentleman – Red Willow 345 kV line were expected to exceed the SOL.

2. Facility/flowgate limitations and flows at the time the TLR was initiated.

The rating of this flowgate is determined by periodic review by NPPD depending upon current and anticipated system conditions. At the time the Level 5A TLR was issued, the Limiting Element was rated at 485 MVA. Flow on the Limiting Element was 385 MVA.

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

TLRs levels, timing and relief requested amounts are shown in the Event History and NERC TLR Log on pages 3-14.

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

There were no unplanned outages that contributed to this TLR.

5. Procedures implemented prior to hold/curtailment.

Non-firm transactions had already been curtailed due to TLR action. The TLR was escalated to a Level 5 in order to curtail firm transactions and firm market flow.

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 SPP Reliability Coordinators logged information describing the actions taken at each issuance of the TLR, see pages 15-16. Times in the RC Log are CST.

9. Flowgate limitations as identified by security analysis processes conducted by the Reliability Authority for the day prior to the TLR event.

The next day study process did not indicate an issue with this flowgate based upon conditions at the time of the daily peak.

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 SPP Reliability Coordinator was monitoring their state estimator, RTCA and RTLODF applications for current flowgate loading and other potential issues during this time. eDNA data historian recorded all line flows before, during and after the Level 5 TLR event, see page 17.

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

SPP Tariff Administration grants transmission service using an AFC process. This process evaluates each transmission request on a case by case basis. SPP Tariff Administration was not granting any transmission requests that impacted the congested flowgate by 3 % or greater at the time of the Level 5 TLR.

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

This TLR was caused by a combination of generation patterns, load, and system flows. Reconfiguration is sometimes a viable companion to TLR on this flowgate. However, it was not available at the time of this TLR.

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 are archived in the IDC. These screen shots have not been included to reduce the size of this report.

14. Re-dispatch actions taken.

SPP EIS Market redispatch was implemented during the entire TLR event. Firm and non-firm Market Flow were reduced on the flowgate as reported in the TLR Event History and NERC TLR Log on pages 3-14.

TLR Event History

6007 - GENTLMN3 345 REDWILO3 345 1

Status	TLR Level	TLR Date (CST)	TLR Confirm Time (CST)	Run Time (CST)	Requested Relief	Remaining Relief	Relief Provided	Total Cuts	
								Tags	MW
SUPERSEDED	3B	07/10/2009 07:15	07/10/2009 07:04	07/10/2009 07:03:38	30.0	2.9	27.1	5	225
SUPERSEDED	1	07/10/2009 08:15	07/10/2009 08:00	07/10/2009 08:00:15	0.0	0.0	0.0	0	0
SUPERSEDED	3B	07/10/2009 18:15	07/10/2009 18:01	07/10/2009 18:00:54	40.0	0.0	40.0	6	350
SUPERSEDED	3A	07/10/2009 20:00	07/10/2009 19:29	07/10/2009 19:29:11	66.0	29.4	36.6	5	208
SUPERSEDED	3A	07/10/2009 21:00	07/10/2009 20:26	07/10/2009 20:25:43	81.0	16.9	64.1	4	103
SUPERSEDED	3A	07/10/2009 22:00	07/10/2009 21:26	07/10/2009 21:26:32	61.0	0.0	61.2	4	98
SUPERSEDED	3A	07/10/2009 23:00	07/10/2009 22:26	07/10/2009 22:26:15	79.0	7.7	71.3	3	150
SUPERSEDED	3A	07/11/2009 00:00	07/10/2009 23:26	07/10/2009 23:25:59	84.0	12.7	71.3	3	150
SUPERSEDED	3A	07/11/2009 01:00	07/11/2009 00:25	07/11/2009 00:25:37	77.0	8.7	68.3	3	150
SUPERSEDED	3A	07/11/2009 02:00	07/11/2009 01:26	07/11/2009 01:25:57	114.0	44.7	69.3	3	150
SUPERSEDED	3A	07/11/2009 03:00	07/11/2009 02:27	07/11/2009 02:26:40	83.0	14.7	68.3	3	150
SUPERSEDED	3A	07/11/2009 04:00	07/11/2009 03:30	07/11/2009 03:30:00	101.0	31.7	69.3	3	150
SUPERSEDED	3A	07/11/2009 05:00	07/11/2009 04:26	07/11/2009 04:25:54	50.0	0.0	50.1	6	267
SUPERSEDED	3A	07/11/2009 06:00	07/11/2009 05:28	07/11/2009 05:27:49	99.0	45.0	54.0	6	279
SUPERSEDED	3A	07/11/2009 07:00	07/11/2009 06:26	07/11/2009 06:26:19	129.0	78.0	51.0	7	275
SUPERSEDED	3A	07/11/2009 08:00	07/11/2009 07:26	07/11/2009 07:26:38	108.0	60.4	47.6	7	271
SUPERSEDED	3A	07/11/2009 09:00	07/11/2009 08:26	07/11/2009 08:25:35	147.0	98.4	48.6	7	270
SUPERSEDED	3A	07/11/2009 10:00	07/11/2009 09:29	07/11/2009 09:29:10	154.0	104.5	49.5	7	269
SUPERSEDED	3A	07/11/2009 11:00	07/11/2009 10:26	07/11/2009 10:26:28	145.0	96.6	48.4	7	269
SUPERSEDED	3A	07/11/2009 12:00	07/11/2009 11:27	07/11/2009 11:27:19	123.0	73.6	49.4	7	270
SUPERSEDED	3A	07/11/2009 13:00	07/11/2009 12:26	07/11/2009 12:26:04	95.0	45.4	49.6	7	272
SUPERSEDED	5A	07/11/2009 14:00	07/11/2009 13:28	07/11/2009 13:26:26	0.0	0.0	47.8	6	259
SUPERSEDED	5A	07/11/2009 15:00	07/11/2009 14:27	07/11/2009 14:26:54	0.0	0.0	47.8	6	259
SUPERSEDED	5A	07/11/2009 16:00	07/11/2009 15:26	07/11/2009 15:26:12	0.0	0.0	48.7	6	259
SUPERSEDED	3A	07/11/2009 17:00	07/11/2009 16:26	07/11/2009 16:26:11	86.0	35.2	50.8	6	260
SUPERSEDED	3A	07/11/2009 18:00	07/11/2009 17:29	07/11/2009 17:29:34	75.0	24.0	51.0	6	262
SUPERSEDED	3A	07/11/2009 19:00	07/11/2009 18:29	07/11/2009 18:29:04	67.0	15.9	51.1	6	264
SUPERSEDED	3A	07/11/2009 20:00	07/11/2009 19:31	07/11/2009 19:31:08	102.0	48.2	53.8	7	275
SUPERSEDED	3A	07/11/2009 21:00	07/11/2009 20:28	07/11/2009 20:27:43	92.0	22.2	69.8	3	129
SUPERSEDED	3A	07/11/2009 22:00	07/11/2009 21:27	07/11/2009 21:27:02	120.0	34.3	85.7	4	173
SUPERSEDED	3A	07/11/2009 23:00	07/11/2009 22:26	07/11/2009 22:26:33	55.0	0.0	55.0	3	132

SUPERSEDED	3A	07/12/2009 00:00	07/11/2009 23:29	07/11/2009 23:29:25	109.0	15.7	93.3	3	135
SUPERSEDED	3A	07/12/2009 01:00	07/12/2009 00:28	07/12/2009 00:27:46	105.0	11.5	93.5	3	137
SUPERSEDED	3A	07/12/2009 02:00	07/12/2009 01:27	07/12/2009 01:27:30	87.0	0.0	87.0	3	135
SUPERSEDED	3A	07/12/2009 03:00	07/12/2009 02:29	07/12/2009 02:29:12	87.0	0.0	87.1	3	137
SUPERSEDED	5A	07/12/2009 04:00	07/12/2009 03:37	07/12/2009 03:33:34	0.0	0.0	99.6	3	138
SUPERSEDED	5A	07/12/2009 05:00	07/12/2009 04:30	07/12/2009 04:29:25	13.0	0.0	65.6	3	138
SUPERSEDED	5A	07/12/2009 06:00	07/12/2009 05:26	07/12/2009 05:25:38	0.0	0.0	68.5	3	137
SUPERSEDED	5A	07/12/2009 07:00	07/12/2009 06:26	07/12/2009 06:26:07	0.0	0.0	46.3	3	134
SUPERSEDED	5A	07/12/2009 08:00	07/12/2009 07:27	07/12/2009 07:26:42	0.0	0.0	50.0	3	131
SUPERSEDED	5A	07/12/2009 09:00	07/12/2009 08:27	07/12/2009 08:26:58	0.0	0.0	40.0	4	144
SUPERSEDED	5A	07/12/2009 10:00	07/12/2009 09:27	07/12/2009 09:26:29	0.0	0.0	39.5	4	150
SUPERSEDED	5A	07/12/2009 11:00	07/12/2009 10:27	07/12/2009 10:26:27	0.0	0.0	37.3	4	147
SUPERSEDED	5A	07/12/2009 12:00	07/12/2009 11:26	07/12/2009 11:26:12	0.0	0.0	37.1	5	146
SUPERSEDED	5A	07/12/2009 13:00	07/12/2009 12:26	07/12/2009 12:26:05	0.0	0.0	38.2	5	147
SUPERSEDED	5A	07/12/2009 14:00	07/12/2009 13:26	07/12/2009 13:25:45	0.0	0.0	36.2	5	135
SUPERSEDED	5A	07/12/2009 15:00	07/12/2009 14:26	07/12/2009 14:26:18	0.0	0.0	36.1	5	133
SUPERSEDED	5A	07/12/2009 16:00	07/12/2009 15:26	07/12/2009 15:26:14	0.0	0.0	37.0	5	133
SUPERSEDED	5A	07/12/2009 17:00	07/12/2009 16:26	07/12/2009 16:25:46	0.0	0.0	36.0	5	133
SUPERSEDED	5A	07/12/2009 18:00	07/12/2009 17:29	07/12/2009 17:28:54	30.0	0.0	37.0	5	132
SUPERSEDED	5A	07/12/2009 19:00	07/12/2009 18:28	07/12/2009 18:27:48	29.0	0.0	37.8	5	142
SUPERSEDED	5A	07/12/2009 20:00	07/12/2009 19:28	07/12/2009 19:28:29	42.0	0.0	43.7	4	140
SUPERSEDED	5A	07/12/2009 21:00	07/12/2009 20:27	07/12/2009 20:26:32	38.0	0.0	72.3	3	135
SUPERSEDED	5A	07/12/2009 22:00	07/12/2009 21:29	07/12/2009 21:28:32	35.0	0.0	76.7	3	140
SUPERSEDED	5A	07/12/2009 23:00	07/12/2009 22:33	07/12/2009 22:31:42	58.0	0.0	96.3	6	335
SUPERSEDED	3A	07/13/2009 00:00	07/12/2009 23:32	07/12/2009 23:31:50	116.0	9.7	106.3	6	335
SUPERSEDED	3A	07/13/2009 01:00	07/13/2009 00:26	07/13/2009 00:26:14	126.0	25.6	100.4	6	335
SUPERSEDED	3A	07/13/2009 02:00	07/13/2009 01:26	07/13/2009 01:26:20	95.0	0.0	95.2	5	242
TERMINATED	0	07/13/2009 02:30	07/13/2009 02:16	07/13/2009 02:16:12	0.0	0.0	0.0	0	0

08/11/2009 09:30:08 (CST)

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Event Summary

FILE SAVED AS: SWPP_6007_20090710_0715.htm

Incident: SWPP_6007_20090710_0715	Date: 07/10/2009	Reliability Coordinator: SWPP
Initial Conditions: load increasing		
Flowgate: 6007 - GENTLMN3 345 REDWILO3 345 1	Rating: 485	LODF: N/A
TLR Direction: Normal		
Effective StartTime: 07/10/2009 07:15	Effective EndTime: 07/13/2009 02:30	TLR Duration: 67 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 10 07:04	TLR 3B	CURRENT	3-ND 8-NN Total	1 / 0 4 / 0 5 / 0	25 200 225	1.5 25.6 27.1	25 200 225	1.5 25.6 27.1	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	405	N/A	N/A	N/A			
		NEXT	3-ND 8-NN Total	1 / 0 5 / 0 6 / 0	25 300 225	1.5 33.2 34.7	25 300 325	1.5 33.2 34.7	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0							
Jul 10 08:00	TLR 1	CURRENT	NONE								NONE			NONE				280	N/A	N/A	N/A	
Jul 10 18:01	TLR 3B	CURRENT	2-NH 8-NN Total	2 / 0 4 / 0 6 / 0	208 144 406	12.7 23.1 35.8	208 144 350	12.7 23.1 35.8	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 4.2 0.0 0.0 0.0 0.0	0.0 4.2 0.0 0.0 0.0 0.0	447	N/A	N/A	N/A			
		NEXT	2-NH 8-NN Total	1 / 0 4 / 0 5 / 0	8 200 406	0.5 27.1 27.6	8 200 208	0.5 27.1 27.6	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 9.0 0.0 0.0 0.0 0.0	0.0 9.0 0.0 0.0 0.0 0.0							
Jul 10 19:29	TLR 3A	NEXT	2-NH 8-NN Total	1 / 0 4 / 0 5 / 0	8 200 208	0.5 27.1 27.6	8 200 208	0.5 27.1 27.6	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 9.0 0.0 0.0 0.0 0.0	0.0 9.0 0.0 0.0 0.0 0.0	405	N/A	N/A	N/A			

Jul 10 20:26	TLR 3A	NEXT	2-NH 6-NN Total	1 / 0 3 / 0 4 / 0	3 100 103	0.2 19.9 20.1	3 100 103	0.2 19.9 20.1	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 33.0 0.0 0.0 44.0	0.0 11.0 0.0 33.0 0.0 0.0 44.0	406	N/A	N/A	N/A
Jul 10 21:26	TLR 3A	NEXT	2-NH 6-NN Total	1 / 0 3 / 0 4 / 0	13 85 98	0.8 16.9 17.7	13 85 98	0.8 16.9 17.7	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 20.0 0.0 23.5 0.0 0.0 43.5	0.0 20.0 0.0 23.5 0.0 0.0 43.5	374	N/A	N/A	N/A
Jul 10 22:26	TLR 3A	NEXT	2-NH 6-NN Total	1 / 0 2 / 0 3 / 0	50 100 150	4.5 14.7 19.3	50 100 150	4.5 14.7 19.3	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 10.0 0.0 42.0 0.0 0.0 52.0	0.0 10.0 0.0 42.0 0.0 0.0 52.0	405	N/A	N/A	N/A
Jul 10 23:26	TLR 3A	NEXT	2-NH 6-NN Total	1 / 0 2 / 0 3 / 0	50 100 150	4.5 14.7 19.3	50 100 150	4.5 14.7 19.3	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 20.0 0.0 32.0 0.0 0.0 52.0	0.0 20.0 0.0 32.0 0.0 0.0 52.0	407	N/A	N/A	N/A
Jul 11 00:25	TLR 3A	NEXT	2-NH 6-NN Total	1 / 0 2 / 0 3 / 0	50 100 150	4.5 14.8 19.3	50 100 150	4.5 14.8 19.3	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 10.0 0.0 39.0 0.0 0.0 49.0	0.0 10.0 0.0 39.0 0.0 0.0 49.0	407	N/A	N/A	N/A
Jul 11 01:26	TLR 3A	NEXT	2-NH 6-NN Total	1 / 0 2 / 0 3 / 0	50 100 150	4.5 14.8 19.3	50 100 150	4.5 14.8 19.3	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 19.0 0.0 31.0 0.0 0.0 50.0	0.0 19.0 0.0 31.0 0.0 0.0 50.0	402	N/A	N/A	N/A
Jul 11 02:27	TLR 3A	NEXT	6-NN Total	1 / 0 1 / 0	50 50	10.0 10.0	50 50	10.0 10.0	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 12.0 0.0 37.0 0.0 0.0 49.0	0.0 12.0 0.0 37.0 0.0 0.0 49.0	398	N/A	N/A	N/A
Jul 11 03:30	TLR 3A	NEXT	2-NH 6-NN Total	1 / 0 2 / 0 3 / 0	50 100 150	4.5 14.8 19.3	50 100 150	4.5 14.8 19.3	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 10.0 0.0 40.0 0.0 0.0 50.0	0.0 10.0 0.0 40.0 0.0 0.0 50.0	370	N/A	N/A	N/A
Jul 11 04:26	TLR 3A	NEXT	2-NH 3-ND 6-NN Total	2 / 0 1 / 0 3 / 0 6 / 0	84 50 133 267	6.7 3.1 16.2 26.0	84 50 133 267	6.7 3.1 16.2 26.0	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	10.0 14.2 0.0 24.2	10.0 14.2 0.0 24.2	368	N/A	N/A	N/A

Jul 11 05:28	TLR 3A	NEXT	2-NH 3-ND 8-NN Total	2 / 0 1 / 0 3 / 0 6 / 0	79 50 150 279	6.4 3.1 19.6 29.0	79 50 150 279	6.4 3.1 19.6 29.0	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 14.0 0.0 0.0 25.0	0.0 11.0 0.0 14.0 0.0 0.0 25.0	363	N/A	N/A	N/A
Jul 11 06:26	TLR 3A	NEXT	2-NH 3-ND 8-NN 7-F Total	3 / 0 1 / 0 3 / 0 0 / 2 7 / 2	75 50 150 0 275	5.3 3.1 19.6 0.0 28.0	75 50 150 0 275	5.3 3.1 19.6 0.0 28.0	0 0 0 80 80	0.0 0.0 0.0 5.0 5.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 12.0 0.0 0.0 23.0	0.0 11.0 0.0 12.0 0.0 0.0 23.0	368	N/A	N/A	N/A
Jul 11 07:26	TLR 3A	NEXT	2-NH 3-ND 8-NN Total	3 / 0 1 / 0 3 / 0 7 / 0	71 50 150 271	4.9 3.1 19.6 27.6	71 50 150 271	4.9 3.1 19.6 27.6	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 9.0 0.0 0.0 20.0	0.0 11.0 0.0 9.0 0.0 0.0 20.0	368	N/A	N/A	N/A
Jul 11 08:26	TLR 3A	NEXT	2-NH 3-ND 8-NN Total	3 / 0 1 / 0 3 / 0 7 / 0	70 50 150 270	5.5 3.9 21.2 30.6	70 50 150 270	5.5 3.9 21.2 30.6	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 7.0 0.0 0.0 18.0	0.0 11.0 0.0 7.0 0.0 0.0 18.0	385	N/A	N/A	N/A
Jul 11 09:29	TLR 3A	NEXT	2-NH 3-ND 8-NN Total	3 / 0 1 / 0 3 / 0 7 / 0	69 50 150 269	5.4 3.9 21.2 30.5	69 50 150 269	5.4 3.9 21.2 30.5	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 8.0 0.0 0.0 19.0	0.0 11.0 0.0 8.0 0.0 0.0 19.0	378	N/A	N/A	N/A
Jul 11 10:26	TLR 3A	NEXT	2-NH 3-ND 8-NN Total	3 / 0 1 / 0 3 / 0 7 / 0	69 50 150 269	5.3 3.9 21.2 30.4	69 50 150 269	5.3 3.9 21.2 30.4	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 7.0 0.0 0.0 18.0	0.0 11.0 0.0 7.0 0.0 0.0 18.0	388	N/A	N/A	N/A
Jul 11 11:27	TLR 3A	NEXT	2-NH 3-ND 8-NN Total	3 / 0 1 / 0 2 / 0 6 / 0	70 50 100 220	5.4 3.9 11.2 20.5	70 50 100 220	5.4 3.9 11.2 20.5	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 8.0 0.0 0.0 19.0	0.0 11.0 0.0 8.0 0.0 0.0 19.0	390	N/A	N/A	N/A
Jul 11 12:28	TLR 3A	NEXT	2-NH 3-ND 8-NN Total	3 / 0 1 / 0 3 / 0 7 / 0	72 50 150 272	5.5 3.9 21.2 30.6	72 50 150 272	5.5 3.9 21.2 30.6	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 8.0 0.0 0.0 19.0	0.0 11.0 0.0 8.0 0.0 0.0 19.0	407	N/A	N/A	N/A

Jul 11 13:28	TLR 5A	NEXT	2-NH 3-ND 6-NN Total	2 / 0 1 / 0 3 / 0 6 / 0	59 50 150 259	4.7 3.9 21.2 29.8	59 50 150 259	4.7 3.9 21.2 29.8	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	MISO SWPP MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 7.0 0.0 0.0 0.0 0.0 18.0	0.0 11.0 0.0 7.0 0.0 0.0 0.0 0.0 18.0	385	N/A	N/A	N/A
Jul 11 14:27	TLR 5A	NEXT	2-NH 3-ND 6-NN Total	2 / 0 1 / 0 3 / 0 6 / 0	59 50 150 259	4.7 3.9 21.2 29.8	59 50 150 259	4.7 3.9 21.2 29.8	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 7.0 0.0 0.0 0.0 0.0 18.0	0.0 11.0 0.0 7.0 0.0 0.0 0.0 0.0 18.0	382	N/A	N/A	N/A
Jul 11 15:26	TLR 5A	NEXT	2-NH 3-ND 6-NN Total	2 / 0 1 / 0 3 / 0 6 / 0	59 50 150 259	4.7 3.9 21.2 29.7	59 50 150 259	4.7 3.9 21.2 29.7	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 8.0 0.0 0.0 0.0 0.0 19.0	0.0 11.0 0.0 8.0 0.0 0.0 0.0 0.0 19.0	372	N/A	N/A	N/A
Jul 11 16:26	TLR 3A	NEXT	2-NH 3-ND 6-NN Total	2 / 0 1 / 0 3 / 0 6 / 0	60 50 150 260	4.8 3.9 21.1 29.8	60 50 150 260	4.8 3.9 21.1 29.8	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 10.0 0.0 0.0 21.0	0.0 11.0 0.0 10.0 0.0 0.0 21.0	360	N/A	N/A	N/A
Jul 11 17:29	TLR 3A	NEXT	2-NH 3-ND 6-NN Total	2 / 0 1 / 0 3 / 0 6 / 0	62 50 150 262	4.9 3.9 21.1 30.0	62 50 150 262	4.9 3.9 21.1 30.0	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 14.0 0.0 7.0 0.0 0.0 21.0	0.0 14.0 0.0 7.0 0.0 0.0 21.0	357	N/A	N/A	N/A
Jul 11 18:29	TLR 3A	NEXT	2-NH 3-ND 6-NN Total	2 / 0 1 / 0 3 / 0 6 / 0	64 50 150 264	5.1 3.9 21.1 30.1	64 50 150 264	5.1 3.9 21.1 30.1	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 10.0 0.0 0.0 21.0	0.0 11.0 0.0 10.0 0.0 0.0 21.0	375	N/A	N/A	N/A
Jul 11 19:31	TLR 3A	NEXT	2-NH 3-ND 6-NN Total	3 / 0 1 / 0 3 / 0 7 / 0	75 50 150 275	5.7 3.9 21.1 30.8	75 50 150 275	5.7 3.9 21.1 30.8	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 12.0 0.0 0.0 23.0	0.0 11.0 0.0 12.0 0.0 0.0 23.0	395	N/A	N/A	N/A

Jul 11 20:28	TLR 3A	NEXT	1-NS 8-NN Total	1 / 0 2 / 0 3 / 0	29 100 129	2.3 15.6 17.8	29 100 129	2.3 15.6 17.8	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 13.0 0.0 39.0 0.0 0.0 52.0	0.0 13.0 0.0 39.0 0.0 0.0 52.0	372	N/A	N/A	N/A
Jul 11 21:27	TLR 3A	NEXT	1-NS 2-NH 8-NN Total	1 / 0 1 / 0 2 / 0 4 / 0	23 50 100 173	1.8 5.3 15.6 22.7	23 50 100 173	1.8 5.3 15.6 22.7	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 52.0 0.0 0.0 63.0	0.0 11.0 0.0 52.0 0.0 0.0 63.0	355	N/A	N/A	N/A
Jul 11 22:28	TLR 3A	NEXT	1-NS 8-NN Total	1 / 0 2 / 0 3 / 0	32 100 132	2.5 15.6 18.1	32 100 132	2.5 15.6 18.1	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 10.0 0.0 28.9 0.0 0.0 36.9	0.0 10.0 0.0 28.9 0.0 0.0 36.9	400	N/A	N/A	N/A
Jul 11 23:29	TLR 3A	NEXT	1-NS 8-NN Total	1 / 0 2 / 0 3 / 0	35 100 135	2.8 15.6 18.3	35 100 135	2.8 15.6 18.3	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 20.0 0.0 55.0 0.0 0.0 75.0	0.0 20.0 0.0 55.0 0.0 0.0 75.0	413	N/A	N/A	N/A
Jul 12 00:28	TLR 3A	NEXT	1-NS 8-NN Total	1 / 0 2 / 0 3 / 0	37 100 137	2.9 15.6 18.5	37 100 137	2.9 15.6 18.5	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 26.0 0.0 49.0 0.0 0.0 75.0	0.0 26.0 0.0 49.0 0.0 0.0 75.0	394	N/A	N/A	N/A
Jul 12 01:27	TLR 3A	NEXT	1-NS 8-NN Total	1 / 0 2 / 0 3 / 0	38 97 135	3.0 15.2 18.2	38 97 135	3.0 15.2 18.2	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 44.0 0.0 24.8 0.0 0.0 68.8	0.0 44.0 0.0 24.8 0.0 0.0 68.8	407	N/A	N/A	N/A
Jul 12 02:29	TLR 3A	NEXT	1-NS 8-NN Total	1 / 0 2 / 0 3 / 0	38 99 137	3.0 15.5 18.4	38 99 137	3.0 15.5 18.4	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 48.0 0.0 20.6 0.0 0.0 68.6	0.0 48.0 0.0 20.6 0.0 0.0 68.6	420	N/A	N/A	N/A
Jul 12 03:37	TLR 5A	NEXT	8-NN Total	2 / 0 2 / 0 2 / 0	100 100 100	15.6 15.6 15.6	100 100 100	15.6 15.6 15.6	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	MISO SWPP MISO SWPP MISO SWPP MISO SWPP	0.0 32.0 0.0 49.0 0.0 0.0 0.0 0.0 81.0	0.0 32.0 0.0 49.0 0.0 0.0 0.0 0.0 81.0	408	N/A	N/A	N/A

Jul 12 04:30	TLR 5A	NEXT	1-NS 8-NN Total	1 / 0 2 / 0 3 / 0	38 100 138	3.0 15.6 18.6	38 100 138	3.0 15.6 18.6	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	MISO SWPP MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 36.0 0.0 0.0 0.0 0.0 47.0	0.0 11.0 0.0 36.0 0.0 0.0 0.0 0.0 47.0	385	N/A	N/A	N/A
Jul 12 05:26	TLR 5A	NEXT	1-NS 8-NN Total	1 / 0 2 / 0 3 / 0	37 100 137	2.9 15.6 18.5	37 100 137	2.9 15.6 18.5	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 39.0 0.0 0.0 0.0 0.0 50.0	0.0 11.0 0.0 39.0 0.0 0.0 0.0 0.0 50.0	399	N/A	N/A	N/A
Jul 12 06:26	TLR 5A	NEXT	1-NS 8-NN Total	1 / 0 2 / 0 3 / 0	34 100 134	2.7 15.6 18.3	34 100 134	2.7 15.6 18.3	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 17.0 0.0 0.0 0.0 0.0 28.0	0.0 11.0 0.0 17.0 0.0 0.0 0.0 0.0 28.0	393	N/A	N/A	N/A
Jul 12 07:27	TLR 5A	NEXT	1-NS 8-NN Total	1 / 0 2 / 0 3 / 0	31 100 131	2.4 15.6 18.0	31 100 131	2.4 15.6 18.0	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 21.0 0.0 0.0 0.0 0.0 32.0	0.0 11.0 0.0 21.0 0.0 0.0 0.0 0.0 32.0	402	N/A	N/A	N/A
Jul 12 08:27	TLR 5A	NEXT	1-NS 2-NH 8-NN Total	1 / 0 1 / 0 2 / 0 4 / 0	25 19 100 144	2.0 1.5 15.6 19.0	25 19 100 144	2.0 1.5 15.6 19.0	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	MISO SWPP MISO SWPP MISO SWPP	0.0 10.0 0.0 11.0 0.0 0.0 0.0 0.0 21.0	0.0 10.0 0.0 11.0 0.0 0.0 0.0 0.0 21.0	387	N/A	N/A	N/A
Jul 12 09:27	TLR 5A	NEXT	1-NS 2-NH 8-NN Total	1 / 0 1 / 0 2 / 0 4 / 0	20 30 100 150	1.6 2.3 15.6 19.5	20 30 100 150	1.6 2.3 15.6 19.5	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	MISO SWPP MISO SWPP MISO SWPP	0.0 10.0 0.0 10.0 0.0 0.0 0.0 0.0 20.0	0.0 10.0 0.0 10.0 0.0 0.0 0.0 0.0 20.0	389	N/A	N/A	N/A

Jul 12 10:27	TLR 5A	NEXT	1-NS 2-NH 8-NN Total	1 / 0 1 / 0 2 / 0 4 / 0	17 30 100 147	1.4 2.3 15.6 19.3	17 30 100 147	1.4 2.3 15.6 19.3	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	MISO SWPP MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 7.0 0.0 0.0 0.0 0.0 18.0	0.0 11.0 0.0 7.0 0.0 0.0 0.0 0.0 18.0	385	N/A	N/A	N/A
Jul 12 11:26	TLR 5A	NEXT	1-NS 2-NH 8-NN Total	1 / 0 2 / 0 2 / 0 5 / 0	14 32 100 146	1.1 2.5 15.6 19.1	14 32 100 146	1.1 2.5 15.6 19.1	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	MISO SWPP MISO SWPP MISO SWPP MISO SWPP	0.0 10.0 0.0 8.0 0.0 0.0 0.0 0.0 18.0	0.0 10.0 0.0 8.0 0.0 0.0 0.0 0.0 18.0	389	N/A	N/A	N/A
Jul 12 12:26	TLR 5A	NEXT	1-NS 2-NH 8-NN Total	1 / 0 2 / 0 2 / 0 5 / 0	12 35 100 147	1.0 2.6 15.6 19.2	12 35 100 147	1.0 2.6 15.6 19.2	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	MISO SWPP MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 8.0 0.0 0.0 0.0 0.0 19.0	0.0 11.0 0.0 8.0 0.0 0.0 0.0 0.0 19.0	402	N/A	N/A	N/A
Jul 12 13:26	TLR 5A	NEXT	1-NS 2-NH 8-NN Total	1 / 0 2 / 0 2 / 0 5 / 0	10 25 100 135	0.8 1.9 15.6 18.2	10 25 100 135	0.8 1.9 15.6 18.2	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	MISO SWPP MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 7.0 0.0 0.0 0.0 0.0 18.0	0.0 11.0 0.0 7.0 0.0 0.0 0.0 0.0 18.0	400	N/A	N/A	N/A
Jul 12 14:26	TLR 5A	NEXT	1-NS 2-NH 8-NN Total	1 / 0 2 / 0 2 / 0 5 / 0	8 25 100 133	0.6 1.9 15.6 18.1	8 25 100 133	0.6 1.9 15.6 18.1	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	MISO SWPP MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 7.0 0.0 0.0 0.0 0.0 18.0	0.0 11.0 0.0 7.0 0.0 0.0 0.0 0.0 18.0	398	N/A	N/A	N/A
Jul 12 15:26	TLR 5A	NEXT	1-NS 2-NH 8-NN Total	1 / 0 2 / 0 2 / 0 5 / 0	7 28 100 133	0.6 1.9 15.6 18.0	7 28 100 133	0.6 1.9 15.6 18.0	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	MISO SWPP MISO SWPP MISO SWPP MISO SWPP	0.0 10.0 0.0 9.0 0.0 0.0 0.0 0.0 19.0	0.0 10.0 0.0 9.0 0.0 0.0 0.0 0.0 19.0	385	N/A	N/A	N/A

Jul 12 18:26	TLR 5A	NEXT	1-NS 2-NH 8-NN Total	1 / 0 2 / 0 2 / 0 5 / 0	7 26 100 133	0.6 1.9 15.6 18.0	7 28 100 133	0.6 1.9 15.6 18.0	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	MISO SWPP MISO SWPP MISO SWPP MISO SWPP	0.0 12.0 0.0 6.0 0.0 0.0 0.0 0.0	0.0 12.0 0.0 6.0 0.0 0.0 0.0 0.0	380	N/A	N/A	N/A
Jul 12 17:29	TLR 5A	NEXT	1-NS 2-NH 8-NN Total	1 / 0 2 / 0 2 / 0 5 / 0	8 24 100 132	0.6 1.8 15.6 18.0	8 24 100 132	0.6 1.8 15.6 18.0	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	MISO SWPP MISO SWPP MISO SWPP	0.0 16.0 0.0 3.0 0.0 0.0 0.0 0.0	0.0 16.0 0.0 3.0 0.0 0.0 0.0 0.0	385	N/A	N/A	N/A
Jul 12 18:28	TLR 5A	NEXT	1-NS 2-NH 8-NN Total	1 / 0 2 / 0 2 / 0 5 / 0	10 32 100 142	0.8 2.5 15.6 18.8	10 32 100 142	0.8 2.5 15.6 18.8	0 0 0 0	0.0 0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	MISO SWPP MISO SWPP MISO SWPP	0.0 16.0 0.0 3.0 0.0 0.0 0.0 0.0	0.0 16.0 0.0 3.0 0.0 0.0 0.0 0.0	351	N/A	N/A	N/A
Jul 12 19:28	TLR 5A	NEXT	1-NS 2-NH 8-NN 7-F Total	1 / 0 1 / 0 2 / 0 0 / 1 4 / 1	10 30 100 0 140	0.8 2.3 15.6 0.0 18.7	10 30 100 0 140	0.8 2.3 15.6 0.0 18.7	0 0 0 20 20	0.0 0.0 0.0 1.3 1.3	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	MISO SWPP MISO SWPP MISO SWPP	0.0 15.0 0.0 10.0 0.0 0.0 0.0 0.0	0.0 15.0 0.0 10.0 0.0 0.0 0.0 0.0	422	N/A	N/A	N/A
Jul 12 20:27	TLR 5A	NEXT	2-NH 8-NN Total	1 / 0 2 / 0 3 / 0	35 100 135	2.7 15.6 18.3	35 100 135	2.7 15.6 18.3	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	MISO SWPP MISO SWPP MISO SWPP	0.0 15.0 0.0 39.0 0.0 0.0 0.0 0.0	0.0 15.0 0.0 39.0 0.0 0.0 0.0 0.0	369	N/A	N/A	N/A
Jul 12 21:29	TLR 5A	NEXT	2-NH 8-NN Total	1 / 0 2 / 0 3 / 0	40 100 140	3.1 15.6 18.7	40 100 140	3.1 15.6 18.7	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	MISO SWPP MISO SWPP MISO SWPP	0.0 14.0 0.0 44.0 0.0 0.0 0.0 0.0	0.0 14.0 0.0 44.0 0.0 0.0 0.0 0.0	405	N/A	N/A	N/A

Jul 12 22:33	TLR 5A	NEXT	2-NH 6-NN Total	2 / 0 4 / 0 6 / 0	110 225 335	8.6 31.7 40.3	110 225 335	8.6 31.7 40.3	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	MISO SWPP MISO SWPP MISO SWPP MISO SWPP	0.0 10.0 0.0 46.0 0.0 0.0 0.0 0.0 0.0 56.0	0.0 10.0 0.0 46.0 0.0 0.0 0.0 0.0 0.0 56.0	394	N/A	N/A	N/A
Jul 12 23:32	TLR 3A	NEXT	2-NH 6-NN Total	2 / 0 4 / 0 6 / 0	110 225 335	8.6 31.7 40.3	110 225 335	8.6 31.7 40.3	0 0 0	0.0 0.0 0.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 11.0 0.0 55.0 0.0 0.0 66.0	0.0 11.0 0.0 55.0 0.0 0.0 66.0	412	N/A	N/A	N/A
Jul 13 00:26	TLR 3A	NEXT	2-NH 6-NN 7-F Total	2 / 0 4 / 0 0 / 1 6 / 1	110 225 0 335	8.6 31.7 0.0 40.4	110 225 0 335	8.6 31.7 0.0 40.4	0 0 54 54	0.0 0.0 3.0 3.0	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 10.0 0.0 50.0 0.0 0.0 60.0	0.0 10.0 0.0 50.0 0.0 0.0 60.0	419	N/A	N/A	N/A
Jul 13 01:26	TLR 3A	NEXT	2-NH 6-NN Total	1 / 1 4 / 0 5 / 1	80 182 242	4.7 26.9 31.6	80 182 242	4.7 26.9 31.6	50 0 50	3.9 0.0 3.9	NONE	ED-2 ED-6 FIRM-7 Total	MISO SWPP MISO SWPP MISO SWPP	0.0 21.0 0.0 42.5 0.0 0.0 63.5	0.0 21.0 0.0 42.5 0.0 0.0 63.5	409	N/A	N/A	N/A
Jul 13 02:16	TLR 0	CURRENT	NONE								NONE	NONE				388	N/A	N/A	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	23	520	520	0
2	81	2434	2434	50
3	18	850	850	0
4	0	0	0	0
5	0	0	0	0
6	153	7565	7565	0
7	0	0	0	154
Total	275	11369	11369	204

TLR Market Flow Totals

Market	Type	Market Relief	
		IDC MW	RC Ackn MW
MISO	ED-2	0.0	0.0
	ED-6	0.0	0.0
	FIRM-7	0.0	0.0
Total MISO		0.0	0.0
SWPP	ED-2	775.2	775.2
	ED-6	1220.5	1220.5
	FIRM-7	0.0	0.0
Total for SWPP		1995.7	1995.7
Total		1995.7	1995.7

08/11/2009 09:32:48 (CST)

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	A	B	C	D
79	Reliability Log for July, 10			2009
80	Time	Initials	Comments	
81	0803	WRG	Issued TLR Level 3B on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
82	0900	WRG	Issued TLR Level 1 on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
83	1900	RST	Re-issued TLR Level 3B on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. Received an alarm saying 200 MW tag was denied curtailment. I requested MISO to approve or else curtail tag ASAP.	
84	2029	RST	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
85	2125	RST	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
86	2226	RST	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
87	2326	RST	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
88				
89	Reliability Log for July, 11			2009
90	Time	Initials	Comments	
91	0025	RST	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
92	0125	RST	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
93	0225	RST	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
94	0326	RST	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
95	0430	RST	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
96	0525	RST	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
97	0627	WRG	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
98	0726	WRG	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
99	0826	WRG	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
100	0925	WRG	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
101	1029	WRG	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
102	1126	WRG	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
103	1227	WRG	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
104	1326	WRG	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
105	1426	WRG	Re-issued TLR Level 5A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. for Feasibility	
106	1526	WRG	Re-issued TLR Level 5A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. for Feasibility	
107	1626	WRG	Re-issued TLR Level 5A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. for Feasibility	
108	1726	WRG	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
109	1829	RST	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
110	1929	RST	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
111	2031	RST	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
112	2127	RST	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
113	2227	RST	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
114	2326	RST	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
115				

	A	B	C	D
117	Reliability Log for July, 12			2009
118	Time	Initials	Comments	
119	0029	RST	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
120	0127	RST	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
121	0227	RST	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
122	0329	RST	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
123	0433	RST	Re-issued TLR Level 5A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. For feasibility.	
124	0529	RST	Re-issued TLR Level 5A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. For feasibility.	
125	0625	WRG	Re-issued TLR Level 5A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. For feasibility.	
126	0726	WRG	Re-issued TLR Level 5A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. For feasibility.	
127	0826	WRG	Re-issued TLR Level 5A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. For feasibility.	
128	0926	WRG	Re-issued TLR Level 5A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. For feasibility.	
129	1026	WRG	Re-issued TLR Level 5A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. For feasibility.	
130	1126	WRG	Re-issued TLR Level 5A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. For feasibility.	
131	1226	WRG	Re-issued TLR Level 5A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. For feasibility.	
132	1326	WRG	Re-issued TLR Level 5A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. For feasibility.	
133	1425	WRG	Re-issued TLR Level 5A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. For feasibility.	
134	1526	WRG	Re-issued TLR Level 5A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. For feasibility.	
135	1626	WRG	Re-issued TLR Level 5A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. For feasibility.	
136	1725	WRG	Re-issued TLR Level 5A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. For feasibility.	
137	1828	RST	Re-issued TLR Level 5A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. For feasibility.	
138	1927	RST	Re-issued TLR Level 5A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. For feasibility.	
139	2028	RST	Re-issued TLR Level 5A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. For feasibility.	
140	2126	RST	Re-issued TLR Level 5A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. For feasibility.	
141	2228	RST	Re-issued TLR Level 5A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. For feasibility.	
142	2331	RST	Re-issued TLR Level 5A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. For feasibility.	
143				
144	Reliability Log for July, 13			2009
145	Time	Initials	Comments	
146	0031	RST	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
147	0126	RST	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
148	0226	RST	Re-issued TLR Level 3A on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007.	
149	0316	RST	Re-issued TLR Level 0 on GENTLMN3 345 REDWILO3 345 1 Flgt. 6007. Wrapping up paperwork.	
170				

6007 - 7/11/09 - 7/12/09

