

**SPP TLR 5 Investigation Report  
Flowgate 5196  
(SPS North - South)  
TLR Level 5: April 5-7, 2010  
Report Issued: April 20, 2010**

**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 5196 on April 5-7, 2010. Flowgate 5196 is an SPP flowgate. The Level 5 TLR was in effect from 12:00 CST on April 5 until 8:00 CST on April 6 and again from 11:00 CST on April 6 until 6:00 CST on April 7, 2010. Projected flows on SPS North – South interface were expected to exceed the SOL due to North – South loading in the region.

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

At the time the first Level 5A TLR was issued, the SPS North – South interface was rated at 700 MVA. Flow across the interface was 653 MVA.

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

TLR levels, timing and relief requested amounts are shown in the Event History and NERC TLR Log on pages 3-12.

**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.**

There were not enough non-firm transactions or market flows that impacted the flowgate by more than 5%. The TLR was escalated to a Level 5 in order to curtail firm transactions and firm market flow to alleviate loading on 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.**

Allfirm transactions were erroneously excluded from curtailment during 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 13-14. Times in the RC Log are CDT.

**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 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 15.

**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 North – South loading on the transmission system in the SPS region.

**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 Flows were reduced on the flowgate as reported in the TLR Event History and NERC TLR Log on pages 3-12.

## TLR Event History

### 5196 - SPS North - South

Status	TLR Level	TLR Date	TLR Confirm Time	Run Time	Requested Relief	Remaining Relief	Relief Provided	Total Cuts	
								Tags	MW
SUPERSEDED	3B	04/05/2010 10:50	04/05/2010 10:39	04/05/2010 10:38:09	30.0	28.5	1.5	1	30
<a href="#">SUPERSEDED</a>	5A	04/05/2010 12:00	04/05/2010 11:33	04/05/2010 11:32:50	36.0	0.0	36.0	2	51
<a href="#">SUPERSEDED</a>	5A	04/05/2010 13:00	04/05/2010 12:30	04/05/2010 12:29:56	35.0	0.0	35.0	2	51
<a href="#">SUPERSEDED</a>	5A	04/05/2010 14:00	04/05/2010 13:30	04/05/2010 13:30:00	20.0	0.0	20.0	2	51
<a href="#">SUPERSEDED</a>	5A	04/05/2010 15:00	04/05/2010 14:30	04/05/2010 14:29:37	89.0	0.0	89.0	2	51
<a href="#">SUPERSEDED</a>	5A	04/05/2010 16:00	04/05/2010 15:33	04/05/2010 15:32:37	60.0	0.0	60.0	2	51
<a href="#">SUPERSEDED</a>	5A	04/05/2010 17:00	04/05/2010 16:28	04/05/2010 16:27:10	69.0	0.0	69.0	2	51
<a href="#">SUPERSEDED</a>	5A	04/05/2010 18:00	04/05/2010 17:31	04/05/2010 17:30:32	71.0	0.0	71.0	2	51
<a href="#">SUPERSEDED</a>	5A	04/05/2010 19:00	04/05/2010 18:28	04/05/2010 18:27:33	80.0	0.0	80.0	2	51
<a href="#">SUPERSEDED</a>	5A	04/05/2010 20:00	04/05/2010 19:30	04/05/2010 19:30:12	58.0	0.0	58.0	2	51
<a href="#">SUPERSEDED</a>	5A	04/05/2010 21:00	04/05/2010 20:29	04/05/2010 20:28:23	53.0	0.0	53.0	0	0
<a href="#">SUPERSEDED</a>	5A	04/05/2010 22:00	04/05/2010 21:31	04/05/2010 21:30:18	64.0	0.0	64.0	0	0
<a href="#">SUPERSEDED</a>	5A	04/05/2010 23:00	04/05/2010 22:33	04/05/2010 22:33:08	56.0	0.0	56.0	0	0
<a href="#">SUPERSEDED</a>	5A	04/06/2010 00:00	04/05/2010 23:32	04/05/2010 23:30:53	60.0	0.0	60.0	0	0
<a href="#">SUPERSEDED</a>	5A	04/06/2010 01:00	04/06/2010 00:30	04/06/2010 00:29:53	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	5A	04/06/2010 02:00	04/06/2010 01:42	04/06/2010 01:36:23	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	5A	04/06/2010 03:00	04/06/2010 02:35	04/06/2010 02:31:13	10.0	0.0	10.0	0	0
<a href="#">SUPERSEDED</a>	5A	04/06/2010 04:00	04/06/2010 03:28	04/06/2010 03:26:00	15.0	0.0	15.0	0	0
<a href="#">SUPERSEDED</a>	5A	04/06/2010 05:00	04/06/2010 04:31	04/06/2010 04:31:17	19.0	0.0	19.0	2	82
<a href="#">SUPERSEDED</a>	5A	04/06/2010 06:00	04/06/2010 05:29	04/06/2010 05:28:20	32.0	0.0	32.0	2	82
<a href="#">SUPERSEDED</a>	5A	04/06/2010 07:00	04/06/2010 06:33	04/06/2010 06:32:14	0.0	0.0	4.2	2	82
<a href="#">SUPERSEDED</a>	3A	04/06/2010 08:00	04/06/2010 07:34	04/06/2010 07:33:41	64.0	59.8	4.2	2	82
<a href="#">SUPERSEDED</a>	3A	04/06/2010 09:00	04/06/2010 08:31	04/06/2010 08:30:36	66.0	61.6	4.4	2	82
<a href="#">SUPERSEDED</a>	3A	04/06/2010 10:00	04/06/2010 09:36	04/06/2010 09:36:17	28.0	23.6	4.4	2	82
<a href="#">SUPERSEDED</a>	5A	04/06/2010 11:00	04/06/2010 10:42	04/06/2010 10:41:26	46.0	0.0	46.0	2	82
<a href="#">SUPERSEDED</a>	5A	04/06/2010 12:00	04/06/2010 11:38	04/06/2010 11:38:06	53.0	0.0	53.0	2	82
<a href="#">SUPERSEDED</a>	5A	04/06/2010 13:00	04/06/2010 12:32	04/06/2010 12:31:40	0.0	0.0	4.2	2	82
<a href="#">SUPERSEDED</a>	5A	04/06/2010 14:00	04/06/2010 13:43	04/06/2010 13:42:40	136.0	0.0	136.0	2	82
<a href="#">SUPERSEDED</a>	5A	04/06/2010 15:00	04/06/2010 14:37	04/06/2010 14:37:00	82.0	0.0	82.0	2	82
<a href="#">SUPERSEDED</a>	5A	04/06/2010 16:00	04/06/2010 15:41	04/06/2010 15:40:40	27.0	0.0	27.0	2	82
<a href="#">SUPERSEDED</a>	5A	04/06/2010 17:00	04/06/2010 16:38	04/06/2010 16:37:26	27.0	0.0	27.0	2	82
<a href="#">SUPERSEDED</a>	5A	04/06/2010 18:00	04/06/2010 17:37	04/06/2010 17:36:19	12.0	0.0	24.2	2	82
<a href="#">SUPERSEDED</a>	5A	04/06/2010 19:00	04/06/2010 18:33	04/06/2010 18:32:49	35.0	0.0	35.0	2	82
<a href="#">SUPERSEDED</a>	5A	04/06/2010 20:00	04/06/2010 19:35	04/06/2010 19:34:09	76.0	0.0	76.0	0	0
<a href="#">SUPERSEDED</a>	5A	04/06/2010 21:00	04/06/2010 20:36	04/06/2010 20:35:30	75.0	0.0	78.0	0	0
<a href="#">SUPERSEDED</a>	5A	04/06/2010 22:00	04/06/2010 21:34	04/06/2010 21:33:40	68.0	0.0	116.0	0	0

<a href="#">SUPERSEDED</a>	5A	04/06/2010 23:00	04/06/2010 22:33	04/06/2010 22:32:36	45.0	0.0	109.0	0	0
<a href="#">SUPERSEDED</a>	5A	04/07/2010 00:00	04/06/2010 23:30	04/06/2010 23:29:17	30.0	0.0	124.0	0	0
<a href="#">SUPERSEDED</a>	5A	04/07/2010 01:00	04/07/2010 00:30	04/07/2010 00:28:52	0.0	0.0	134.0	0	0
<a href="#">SUPERSEDED</a>	5A	04/07/2010 02:00	04/07/2010 01:30	04/07/2010 01:29:16	6.0	0.0	129.0	0	0
<a href="#">SUPERSEDED</a>	5A	04/07/2010 03:00	04/07/2010 02:31	04/07/2010 02:29:56	19.0	0.0	164.3	2	77
<a href="#">SUPERSEDED</a>	5A	04/07/2010 04:00	04/07/2010 03:35	04/07/2010 03:34:04	16.0	0.0	126.6	1	52
<a href="#">SUPERSEDED</a>	5A	04/07/2010 05:00	04/07/2010 04:33	04/07/2010 04:32:57	75.0	0.0	127.6	1	52
<a href="#">SUPERSEDED</a>	3A	04/07/2010 06:00	04/07/2010 05:41	04/07/2010 05:40:21	99.0	1.4	97.6	1	52
<a href="#">SUPERSEDED</a>	3A	04/07/2010 07:00	04/07/2010 06:45	04/07/2010 06:44:52	105.0	0.0	105.0	1	36
<a href="#">SUPERSEDED</a>	3A	04/07/2010 08:00	04/07/2010 07:40	04/07/2010 07:39:45	80.0	0.0	80.0	1	21
<a href="#">SUPERSEDED</a>	3A	04/07/2010 09:00	04/07/2010 08:32	04/07/2010 08:31:37	122.0	8.4	113.6	1	52
<a href="#">SUPERSEDED</a>	3A	04/07/2010 10:00	04/07/2010 09:35	04/07/2010 09:35:12	54.0	0.0	54.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/07/2010 11:00	04/07/2010 10:34	04/07/2010 10:33:39	67.0	0.0	67.0	1	43
<a href="#">SUPERSEDED</a>	3A	04/07/2010 12:00	04/07/2010 11:36	04/07/2010 11:36:25	75.0	4.3	70.7	1	52
<a href="#">SUPERSEDED</a>	3A	04/07/2010 13:00	04/07/2010 12:33	04/07/2010 12:33:01	76.0	0.0	76.0	1	47
<a href="#">SUPERSEDED</a>	3A	04/07/2010 14:00	04/07/2010 13:37	04/07/2010 13:36:24	83.0	12.4	70.6	1	52
<a href="#">SUPERSEDED</a>	3A	04/07/2010 15:00	04/07/2010 14:38	04/07/2010 14:38:10	47.0	0.0	47.0	1	36
<a href="#">SUPERSEDED</a>	3A	04/07/2010 16:00	04/07/2010 15:32	04/07/2010 15:32:20	58.0	0.0	58.0	1	33
<a href="#">SUPERSEDED</a>	3A	04/07/2010 17:00	04/07/2010 16:30	04/07/2010 16:30:05	52.0	0.0	52.0	1	23
<a href="#">SUPERSEDED</a>	3A	04/07/2010 18:00	04/07/2010 17:33	04/07/2010 17:32:03	68.0	0.0	68.0	1	14
<a href="#">SUPERSEDED</a>	3A	04/07/2010 19:00	04/07/2010 18:33	04/07/2010 18:31:59	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/07/2010 20:00	04/07/2010 19:31	04/07/2010 19:29:44	22.0	0.0	22.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/07/2010 21:00	04/07/2010 20:33	04/07/2010 20:32:33	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/07/2010 22:00	04/07/2010 21:35	04/07/2010 21:34:54	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/07/2010 23:00	04/07/2010 22:28	04/07/2010 22:28:07	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/08/2010 00:00	04/07/2010 23:26	04/07/2010 23:26:05	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/08/2010 01:00	04/08/2010 00:29	04/08/2010 00:28:40	45.0	0.0	45.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/08/2010 02:00	04/08/2010 01:27	04/08/2010 01:26:17	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/08/2010 03:00	04/08/2010 02:27	04/08/2010 02:26:19	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/08/2010 04:00	04/08/2010 03:26	04/08/2010 03:25:46	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/08/2010 05:00	04/08/2010 04:26	04/08/2010 04:26:10	40.0	0.0	40.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/08/2010 06:00	04/08/2010 05:27	04/08/2010 05:26:22	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/08/2010 07:00	04/08/2010 06:26	04/08/2010 06:25:52	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/08/2010 08:00	04/08/2010 07:26	04/08/2010 07:26:00	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/08/2010 09:00	04/08/2010 08:26	04/08/2010 08:25:52	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/08/2010 10:00	04/08/2010 09:26	04/08/2010 09:26:02	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/08/2010 11:00	04/08/2010 10:30	04/08/2010 10:30:23	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/08/2010 12:00	04/08/2010 11:26	04/08/2010 11:26:04	18.0	0.0	18.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/08/2010 13:00	04/08/2010 12:26	04/08/2010 12:26:06	22.0	0.0	22.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/08/2010 14:00	04/08/2010 13:26	04/08/2010 13:25:50	9.0	0.0	9.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/08/2010 15:00	04/08/2010 14:27	04/08/2010 14:27:19	18.0	0.0	18.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/08/2010 16:00	04/08/2010 15:27	04/08/2010 15:26:52	24.0	0.0	24.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/08/2010 17:00	04/08/2010 16:27	04/08/2010 16:26:53	16.0	0.0	16.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/08/2010 18:00	04/08/2010 17:28	04/08/2010 17:27:30	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	04/08/2010 19:00	04/08/2010 18:31	04/08/2010 18:28:27	104.0	0.0	104.0	3	254
<a href="#">SUPERSEDED</a>	3A	04/08/2010 20:00	04/08/2010 19:28	04/08/2010 19:27:22	0.0	0.0	0.0	0	0
<a href="#">TERMINATED</a>	0	04/08/2010 20:25	04/08/2010 20:16	04/08/2010 20:15:31	0.0	0.0	0.0	0	0

## Event Summary

FILE SAVED AS: SWPP\_5196\_20100405\_1050.htm

<b>Incident:</b>	SWPP_5196_20100405_1050	<b>Date:</b> 04/05/2010 (CST)	<b>Reliability Coordinator:</b> SWPP
<b>Initial Conditions:</b>	increasing load		
<b>Flowgate:</b>	5196 - SPS North - South	<b>Rating:</b> 700	<b>LODF:</b> N/A
<b>TLR Direction:</b>	Normal		
<b>Effective StartTime:</b>	04/05/2010 10:50 (CST)	<b>Effective EndTime:</b> 04/08/2010 20:25 (CST)	<b>TLR Duration:</b> 81 Hours and 35 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											
Apr 05 10:39 (CST)	TLR 3B	CURRENT	8-NN	1 / 0	30	1.5	30	1.5	0	0.0	NONE			ED-2	SWPP	0.0	0.0	680	N/A	N/A	N/A
		<b>Total</b>	<b>1 / 0</b>	<b>30</b>	<b>1.5</b>	<b>30</b>	<b>1.5</b>	<b>0</b>	<b>0.0</b>	ED-6	SWPP	0.0	0.0	FIRM-7	SWPP	0.0	0.0				
		NEXT	NONE							NONE			ED-2	SWPP	0.0	0.0					
													ED-6	SWPP	0.0	0.0					
													FIRM-7	SWPP	0.0	0.0					
													<b>Total</b>	<b>0.0</b>	<b>0.0</b>						
Apr 05 11:33 (CST)	TLR 5A	NEXT	8-NN	1 / 0	30	1.5	30	1.5	0	0.0	NONE			ED-2	SWPP	0.0	0.0	653	N/A	N/A	N/A
<b>Total</b>	<b>1 / 0</b>	<b>30</b>	<b>1.5</b>	<b>30</b>	<b>1.5</b>	<b>0</b>	<b>0.0</b>	ED-6	SWPP	0.0	0.0	FIRM-7	SWPP	33.4	33.4	<b>Total</b>	<b>33.4</b>				
													FIRM-CREDIT	SWPP	0.0	0.0					
													<b>Total</b>	<b>33.4</b>	<b>33.4</b>						
Apr 05 12:30 (CST)	TLR 5A	NEXT	8-NN	1 / 0	30	1.5	30	1.5	0	0.0	NONE			ED-2	SWPP	0.0	0.0	675	N/A	N/A	N/A
<b>Total</b>	<b>1 / 0</b>	<b>30</b>	<b>1.5</b>	<b>30</b>	<b>1.5</b>	<b>0</b>	<b>0.0</b>	ED-6	SWPP	0.0	0.0	FIRM-7	SWPP	32.4	32.4	<b>Total</b>	<b>32.4</b>				
													FIRM-CREDIT	SWPP	0.0	0.0					
													<b>Total</b>	<b>32.4</b>	<b>32.4</b>						
Apr 05 13:30 (CST)	TLR 5A	NEXT	8-NN	1 / 0	30	1.5	30	1.5	0	0.0	NONE			ED-2	SWPP	0.0	0.0	691	N/A	N/A	N/A
<b>Total</b>	<b>1 / 0</b>	<b>30</b>	<b>1.5</b>	<b>30</b>	<b>1.5</b>	<b>0</b>	<b>0.0</b>	ED-6	SWPP	0.0	0.0	FIRM-7	SWPP	17.4	17.4	<b>Total</b>	<b>17.4</b>				
													FIRM-CREDIT	SWPP	0.0	0.0					
													<b>Total</b>	<b>17.4</b>	<b>17.4</b>						
Apr 05 14:30 (CST)	TLR 5A	NEXT	8-NN	1 / 0	30	1.5	30	1.5	0	0.0	NONE			ED-2	SWPP	0.0	0.0	667	N/A	N/A	N/A
<b>Total</b>	<b>1 / 0</b>	<b>30</b>	<b>1.5</b>	<b>30</b>	<b>1.5</b>	<b>0</b>	<b>0.0</b>	ED-6	SWPP	0.0	0.0	FIRM-7	SWPP	86.4	86.4	<b>Total</b>	<b>86.4</b>				
													FIRM-CREDIT	SWPP	0.0	0.0					
													<b>Total</b>	<b>86.4</b>	<b>86.4</b>						
Apr 05 15:33 (CST)	TLR 5A	NEXT	8-NN	1 / 0	30	1.5	30	1.5	0	0.0	NONE			ED-2	SWPP	0.0	0.0	667	N/A	N/A	N/A
<b>Total</b>	<b>1 / 0</b>	<b>30</b>	<b>1.5</b>	<b>30</b>	<b>1.5</b>	<b>0</b>	<b>0.0</b>	ED-6	SWPP	0.0	0.0	FIRM-7	SWPP	57.4	57.4	<b>Total</b>	<b>57.4</b>				
													FIRM-CREDIT	SWPP	0.0	0.0					
													<b>Total</b>	<b>57.4</b>	<b>57.4</b>						

Apr 05 16:28 (CST)	TLR 5A	NEXT	8-NN <b>Total</b>	1 / 0 <b>1 / 0</b>	30 <b>30</b>	1.5 <b>1.5</b>	30 <b>30</b>	1.5 <b>1.5</b>	0 <b>0</b>	0.0 <b>0.0</b>	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 0.0 66.4 0.0 <b>66.4</b>	0.0 0.0 66.4 0.0 <b>66.4</b>	665	N/A	N/A	N/A
Apr 05 17:31 (CST)	TLR 5A	NEXT	8-NN <b>Total</b>	1 / 0 <b>1 / 0</b>	30 <b>30</b>	1.5 <b>1.5</b>	30 <b>30</b>	1.5 <b>1.5</b>	0 <b>0</b>	0.0 <b>0.0</b>	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 0.0 68.4 0.0 <b>68.4</b>	0.0 0.0 68.4 0.0 <b>68.4</b>	669	N/A	N/A	N/A
Apr 05 18:28 (CST)	TLR 5A	NEXT	8-NN <b>Total</b>	2 / 0 <b>2 / 0</b>	51 <b>51</b>	2.6 <b>2.6</b>	51 <b>51</b>	2.6 <b>2.6</b>	0 <b>0</b>	0.0 <b>0.0</b>	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 0.0 77.4 0.0 <b>77.4</b>	0.0 0.0 77.4 0.0 <b>77.4</b>	655	N/A	N/A	N/A
Apr 05 19:30 (CST)	TLR 5A	NEXT	8-NN <b>Total</b>	2 / 0 <b>2 / 0</b>	51 <b>51</b>	2.6 <b>2.6</b>	51 <b>51</b>	2.6 <b>2.6</b>	0 <b>0</b>	0.0 <b>0.0</b>	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 0.0 55.4 0.0 <b>55.4</b>	0.0 0.0 55.4 0.0 <b>55.4</b>	671	N/A	N/A	N/A
Apr 05 20:29 (CST)	TLR 5A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 0.0 53.0 0.0 <b>53.0</b>	0.0 0.0 53.0 0.0 <b>53.0</b>	675	N/A	N/A	N/A
Apr 05 21:31 (CST)	TLR 5A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 0.0 64.0 0.0 <b>64.0</b>	0.0 0.0 64.0 0.0 <b>64.0</b>	661	N/A	N/A	N/A
Apr 05 22:33 (CST)	TLR 5A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 0.0 56.0 0.0 <b>56.0</b>	0.0 0.0 56.0 0.0 <b>56.0</b>	673	N/A	N/A	N/A
Apr 05 23:32 (CST)	TLR 5A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 20.0 40.0 0.0 <b>60.0</b>	0.0 20.0 40.0 0.0 <b>60.0</b>	622	N/A	N/A	N/A
Apr 06 00:30 (CST)	TLR 5A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 0.0 <b>0.0</b>	617	N/A	N/A	N/A
Apr 06 01:42 (CST)	TLR 5A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 0.0 <b>0.0</b>	650	N/A	N/A	N/A
Apr 06 02:35 (CST)	TLR 5A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 10.0 0.0 0.0 <b>10.0</b>	0.0 10.0 0.0 0.0 <b>10.0</b>	651	N/A	N/A	N/A

Apr 08 03:28 (CST)	TLR 5A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 15.0 0.0 0.0 <b>15.0</b>	0.0 15.0 0.0 0.0 <b>15.0</b>	670	N/A	N/A	N/A
Apr 08 04:31 (CST)	TLR 5A	NEXT	6-NN <b>Total</b>	2 / 0 2 / 0	82 82	4.2 4.2	82 82	4.2 4.2	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 0.0 14.8 0.0 <b>14.8</b>	0.0 0.0 14.8 0.0 <b>14.8</b>	663	N/A	N/A	N/A
Apr 08 05:29 (CST)	TLR 5A	NEXT	6-NN <b>Total</b>	2 / 0 2 / 0	82 82	4.2 4.2	82 82	4.2 4.2	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 0.0 27.8 0.0 <b>27.8</b>	0.0 0.0 27.8 0.0 <b>27.8</b>	654	N/A	N/A	N/A
Apr 08 06:33 (CST)	TLR 5A	NEXT	6-NN <b>Total</b>	2 / 0 2 / 0	82 82	4.2 4.2	82 82	4.2 4.2	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 0.0 <b>0.0</b>	664	N/A	N/A	N/A
Apr 08 07:34 (CST)	TLR 3A	NEXT	6-NN <b>Total</b>	2 / 0 2 / 0	82 82	4.2 4.2	82 82	4.2 4.2	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	622	N/A	N/A	N/A
Apr 08 08:31 (CST)	TLR 3A	NEXT	6-NN <b>Total</b>	2 / 0 2 / 0	82 82	4.4 4.4	82 82	4.4 4.4	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	701	N/A	N/A	N/A
Apr 08 09:36 (CST)	TLR 3A	NEXT	6-NN <b>Total</b>	2 / 0 2 / 0	82 82	4.4 4.4	82 82	4.4 4.4	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	690	N/A	N/A	N/A
Apr 08 10:42 (CST)	TLR 5A	NEXT	6-NN <b>Total</b>	2 / 0 2 / 0	82 82	4.2 4.2	82 82	4.2 4.2	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 0.0 41.8 0.0 <b>41.8</b>	0.0 0.0 41.8 0.0 <b>41.8</b>	664	N/A	N/A	N/A
Apr 08 11:36 (CST)	TLR 5A	NEXT	6-NN <b>Total</b>	2 / 0 2 / 0	82 82	4.2 4.2	82 82	4.2 4.2	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 0.0 48.8 0.0 <b>48.8</b>	0.0 0.0 48.8 0.0 <b>48.8</b>	640	N/A	N/A	N/A
Apr 08 12:32 (CST)	TLR 5A	NEXT	6-NN <b>Total</b>	2 / 0 2 / 0	82 82	4.2 4.2	82 82	4.2 4.2	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 0.0 <b>0.0</b>	617	N/A	N/A	N/A
Apr 08 13:43 (CST)	TLR 5A	NEXT	6-NN <b>Total</b>	2 / 0 2 / 0	82 82	4.2 4.2	82 82	4.2 4.2	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 0.0 131.8 0.0 <b>131.8</b>	0.0 0.0 131.8 0.0 <b>131.8</b>	600	N/A	N/A	N/A

Apr 08 14:37 (CST)	TLR 5A	NEXT	8-NN <b>Total</b>	2 / 0 2 / 0	82 82	4.2 4.2	82 82	4.2 4.2	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 0.0 77.8 0.0 <b>77.8</b>	0.0 0.0 77.8 0.0 <b>77.8</b>	689	N/A	N/A	N/A
Apr 08 15:41 (CST)	TLR 5A	NEXT	8-NN <b>Total</b>	2 / 0 2 / 0	82 82	4.2 4.2	82 82	4.2 4.2	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 0.0 22.8 0.0 <b>22.8</b>	0.0 0.0 22.8 0.0 <b>22.8</b>	677	N/A	N/A	N/A
Apr 08 16:38 (CST)	TLR 5A	NEXT	8-NN <b>Total</b>	2 / 0 2 / 0	82 82	4.2 4.2	82 82	4.2 4.2	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 0.0 22.8 0.0 <b>22.8</b>	0.0 0.0 22.8 0.0 <b>22.8</b>	675	N/A	N/A	N/A
Apr 08 17:37 (CST)	TLR 5A	NEXT	8-NN <b>Total</b>	2 / 0 2 / 0	82 82	4.2 4.2	82 82	4.2 4.2	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 20.0 0.0 0.0 <b>20.0</b>	0.0 20.0 0.0 0.0 <b>20.0</b>	655	N/A	N/A	N/A
Apr 08 18:33 (CST)	TLR 5A	NEXT	8-NN <b>Total</b>	2 / 0 2 / 0	82 82	4.1 4.1	82 82	4.1 4.1	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 15.0 15.9 0.0 <b>30.9</b>	0.0 15.0 15.9 0.0 <b>30.9</b>	662	N/A	N/A	N/A
Apr 08 19:35 (CST)	TLR 5A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 68.0 8.0 0.0 <b>76.0</b>	0.0 68.0 8.0 0.0 <b>76.0</b>	670	N/A	N/A	N/A
Apr 08 20:36 (CST)	TLR 5A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 78.0 0.0 0.0 <b>78.0</b>	0.0 78.0 0.0 0.0 <b>78.0</b>	677	N/A	N/A	N/A
Apr 08 21:34 (CST)	TLR 5A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 116.0 0.0 0.0 <b>116.0</b>	0.0 116.0 0.0 0.0 <b>116.0</b>	655	N/A	N/A	N/A
Apr 08 22:33 (CST)	TLR 5A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 109.0 0.0 0.0 <b>109.0</b>	0.0 109.0 0.0 0.0 <b>109.0</b>	643	N/A	N/A	N/A
Apr 08 23:30 (CST)	TLR 5A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 124.0 0.0 0.0 <b>124.0</b>	0.0 124.0 0.0 0.0 <b>124.0</b>	665	N/A	N/A	N/A
Apr 07 00:30 (CST)	TLR 5A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 134.0 0.0 0.0 <b>134.0</b>	0.0 134.0 0.0 0.0 <b>134.0</b>	675	N/A	N/A	N/A

Apr 07 01:30 (CST)	TLR 5A	NEXT	7-F <b>Total</b>	0 / 2 <b>0 / 2</b>	0 <b>0</b>	0.0 <b>0.0</b>	0 <b>0</b>	0.0 <b>0.0</b>	100 <b>100</b>	30.1 <b>30.1</b>	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 129.0 0.0 0.0 <b>129.0</b>	0.0 129.0 0.0 0.0 <b>129.0</b>	870	N/A	N/A	N/A
Apr 07 02:31 (CST)	TLR 5A	NEXT	2-NH 8-NN <b>Total</b>	1 / 0 1 / 0 <b>2 / 0</b>	25 52 <b>77</b>	1.3 3.0 <b>4.3</b>	25 52 <b>77</b>	1.3 3.0 <b>4.3</b>	0 0 <b>0</b>	0.0 0.0 <b>0.0</b>	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 160.0 0.0 0.0 <b>160.0</b>	0.0 160.0 0.0 0.0 <b>160.0</b>	857	N/A	N/A	N/A
Apr 07 03:35 (CST)	TLR 5A	NEXT	8-NN <b>Total</b>	1 / 0 <b>1 / 0</b>	52 <b>52</b>	2.6 <b>2.6</b>	52 <b>52</b>	2.6 <b>2.6</b>	0 <b>0</b>	0.0 <b>0.0</b>	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 124.0 0.0 0.0 <b>124.0</b>	0.0 124.0 0.0 0.0 <b>124.0</b>	868	N/A	N/A	N/A
Apr 07 04:33 (CST)	TLR 5A	NEXT	8-NN <b>Total</b>	1 / 0 <b>1 / 0</b>	52 <b>52</b>	2.6 <b>2.6</b>	52 <b>52</b>	2.6 <b>2.6</b>	0 <b>0</b>	0.0 <b>0.0</b>	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 125.0 0.0 0.0 <b>125.0</b>	0.0 125.0 0.0 0.0 <b>125.0</b>	868	N/A	N/A	N/A
Apr 07 05:41 (CST)	TLR 3A	NEXT	8-NN <b>Total</b>	1 / 0 <b>1 / 0</b>	52 <b>52</b>	2.6 <b>2.6</b>	52 <b>52</b>	2.6 <b>2.6</b>	0 <b>0</b>	0.0 <b>0.0</b>	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 95.0 0.0 <b>95.0</b>	0.0 95.0 0.0 <b>95.0</b>	830	N/A	N/A	N/A
Apr 07 06:45 (CST)	TLR 3A	NEXT	8-NN <b>Total</b>	1 / 0 <b>1 / 0</b>	36 <b>36</b>	1.8 <b>1.8</b>	36 <b>36</b>	1.8 <b>1.8</b>	0 <b>0</b>	0.0 <b>0.0</b>	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 103.2 0.0 <b>103.2</b>	0.0 103.2 0.0 <b>103.2</b>	875	N/A	N/A	N/A
Apr 07 07:40 (CST)	TLR 3A	NEXT	8-NN <b>Total</b>	1 / 0 <b>1 / 0</b>	21 <b>21</b>	1.1 <b>1.1</b>	21 <b>21</b>	1.1 <b>1.1</b>	0 <b>0</b>	0.0 <b>0.0</b>	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 79.0 0.0 <b>79.0</b>	0.0 79.0 0.0 <b>79.0</b>	872	N/A	N/A	N/A
Apr 07 08:32 (CST)	TLR 3A	NEXT	8-NN <b>Total</b>	1 / 0 <b>1 / 0</b>	52 <b>52</b>	2.6 <b>2.6</b>	52 <b>52</b>	2.6 <b>2.6</b>	0 <b>0</b>	0.0 <b>0.0</b>	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 111.0 0.0 <b>111.0</b>	0.0 111.0 0.0 <b>111.0</b>	853	N/A	N/A	N/A
Apr 07 09:35 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 54.0 0.0 <b>54.0</b>	0.0 54.0 0.0 <b>54.0</b>	855	N/A	N/A	N/A
Apr 07 10:34 (CST)	TLR 3A	NEXT	8-NN <b>Total</b>	1 / 0 <b>1 / 0</b>	43 <b>43</b>	2.2 <b>2.2</b>	43 <b>43</b>	2.2 <b>2.2</b>	0 <b>0</b>	0.0 <b>0.0</b>	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 64.8 0.0 <b>64.8</b>	0.0 64.8 0.0 <b>64.8</b>	857	N/A	N/A	N/A
Apr 07 11:36 (CST)	TLR 3A	NEXT	8-NN <b>Total</b>	1 / 0 <b>1 / 0</b>	52 <b>52</b>	2.7 <b>2.7</b>	52 <b>52</b>	2.7 <b>2.7</b>	0 <b>0</b>	0.0 <b>0.0</b>	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 68.0 0.0 <b>68.0</b>	0.0 68.0 0.0 <b>68.0</b>	839	N/A	N/A	N/A
Apr 07 12:33 (CST)	TLR 3A	NEXT	8-NN <b>Total</b>	1 / 0 <b>1 / 0</b>	47 <b>47</b>	2.4 <b>2.4</b>	47 <b>47</b>	2.4 <b>2.4</b>	0 <b>0</b>	0.0 <b>0.0</b>	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 73.6 0.0 <b>73.6</b>	0.0 73.6 0.0 <b>73.6</b>	849	N/A	N/A	N/A

Apr 07 13:37 (CST)	TLR 3A	NEXT	8-NN <b>Total</b>	1 / 0 <b>1 / 0</b>	52 <b>52</b>	2.6 <b>2.6</b>	52 <b>52</b>	2.6 <b>2.6</b>	0 <b>0</b>	0.0 <b>0.0</b>	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 68.0 0.0 <b>68.0</b>	0.0 68.0 0.0 <b>68.0</b>	644	N/A	N/A	N/A
Apr 07 14:38 (CST)	TLR 3A	NEXT	8-NN <b>Total</b>	1 / 0 <b>1 / 0</b>	36 <b>36</b>	1.8 <b>1.8</b>	36 <b>36</b>	1.8 <b>1.8</b>	0 <b>0</b>	0.0 <b>0.0</b>	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 45.2 0.0 <b>45.2</b>	0.0 45.2 0.0 <b>45.2</b>	641	N/A	N/A	N/A
Apr 07 15:32 (CST)	TLR 3A	NEXT	8-NN <b>Total</b>	1 / 0 <b>1 / 0</b>	33 <b>33</b>	1.7 <b>1.7</b>	33 <b>33</b>	1.7 <b>1.7</b>	0 <b>0</b>	0.0 <b>0.0</b>	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 56.4 0.0 <b>56.4</b>	0.0 56.4 0.0 <b>56.4</b>	651	N/A	N/A	N/A
Apr 07 16:30 (CST)	TLR 3A	NEXT	8-NN <b>Total</b>	1 / 0 <b>1 / 0</b>	23 <b>23</b>	1.2 <b>1.2</b>	23 <b>23</b>	1.2 <b>1.2</b>	0 <b>0</b>	0.0 <b>0.0</b>	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 50.9 0.0 <b>50.9</b>	0.0 50.9 0.0 <b>50.9</b>	650	N/A	N/A	N/A
Apr 07 17:33 (CST)	TLR 3A	NEXT	8-NN <b>Total</b>	1 / 0 <b>1 / 0</b>	14 <b>14</b>	0.7 <b>0.7</b>	14 <b>14</b>	0.7 <b>0.7</b>	0 <b>0</b>	0.0 <b>0.0</b>	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 67.3 0.0 <b>67.3</b>	0.0 67.3 0.0 <b>67.3</b>	646	N/A	N/A	N/A
Apr 07 18:33 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	602	N/A	N/A	N/A
Apr 07 19:31 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 22.0 0.0 <b>22.0</b>	0.0 22.0 0.0 <b>22.0</b>	566	N/A	N/A	N/A
Apr 07 20:33 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	616	N/A	N/A	N/A
Apr 07 21:35 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	588	N/A	N/A	N/A
Apr 07 22:28 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	590	N/A	N/A	N/A
Apr 07 23:28 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	607	N/A	N/A	N/A
Apr 08 00:29 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 45.0 0.0 <b>45.0</b>	0.0 45.0 0.0 <b>45.0</b>	633	N/A	N/A	N/A
Apr 08 01:27 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	662	N/A	N/A	N/A

Apr 08 02:27 (CST)	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	658	N/A	N/A	N/A
Apr 08 03:26 (CST)	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	653	N/A	N/A	N/A
Apr 08 04:26 (CST)	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 40.0 0.0 <b>40.0</b>	0.0 40.0 0.0 <b>40.0</b>	665	N/A	N/A	N/A
Apr 08 05:27 (CST)	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	603	N/A	N/A	N/A
Apr 08 06:26 (CST)	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	608	N/A	N/A	N/A
Apr 08 07:26 (CST)	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	600	N/A	N/A	N/A
Apr 08 08:26 (CST)	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	599	N/A	N/A	N/A
Apr 08 09:26 (CST)	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	579	N/A	N/A	N/A
Apr 08 10:30 (CST)	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	594	N/A	N/A	N/A
Apr 08 11:26 (CST)	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 18.0 0.0 <b>18.0</b>	0.0 18.0 0.0 <b>18.0</b>	618	N/A	N/A	N/A
Apr 08 12:26 (CST)	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 22.0 0.0 <b>22.0</b>	0.0 22.0 0.0 <b>22.0</b>	645	N/A	N/A	N/A
Apr 08 13:26 (CST)	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 9.0 0.0 <b>9.0</b>	0.0 9.0 0.0 <b>9.0</b>	662	N/A	N/A	N/A
Apr 08 14:27 (CST)	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 18.0 0.0 <b>18.0</b>	0.0 18.0 0.0 <b>18.0</b>	647	N/A	N/A	N/A

Apr 08 15:27 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 24.0 0.0 <b>24.0</b>	0.0 24.0 0.0 <b>24.0</b>	642	N/A	N/A	N/A
Apr 08 16:27 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 16.0 0.0 <b>16.0</b>	0.0 16.0 0.0 <b>16.0</b>	650	N/A	N/A	N/A
Apr 08 17:28 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	689	N/A	N/A	N/A
Apr 08 18:31 (CST)	TLR 3A	NEXT	2-NH 6-NN <b>Total</b>	1 / 0 2 / 0 <b>3 / 0</b>	50 204 <b>254</b>	2.7 11.5 <b>14.2</b>	50 204 <b>254</b>	2.7 11.5 <b>14.2</b>	0 0 <b>0</b>	0.0 0.0 <b>0.0</b>	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 89.8 0.0 <b>89.8</b>	0.0 89.8 0.0 <b>89.8</b>	590	N/A	N/A	N/A
Apr 08 19:28 (CST)	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	573	N/A	N/A	N/A
Apr 08 20:16 (CST)	TLR 0	CURRENT	NONE								NONE	NONE			582	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	0	0	0	0
2	2	75	75	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	59	2393	2393	0
7	0	0	0	100
<b>Total</b>	<b>61</b>	<b>2468</b>	<b>2468</b>	<b>100</b>

### TLR Market Flow Totals

Market	Type	Market Relief	
		IDC MW	RC Ackn MW
SWPP	ED-2	0.0	0.0
	ED-6	2487.2	2487.2
	FIRM-7	1120.3	1119.9
<b>Total for SWPP</b>		<b>3607.4</b>	<b>3607.1</b>
<b>Total</b>		<b>3607.4</b>	<b>3607.1</b>

Reliability Log for April, 5				2010
Time	Initials	Comments	Monday	
3/22/10	900	SPS Imports limited to 427 and SPS Exports limited to 385. Due to Elk City-Sweetwater line out.		
4/05/10	930	SPS opened Kress 8927 breaker at Kress on the Kress-Happy 115kv, the breaker will stay open unless they need to close for adverse conditions demand closing.		
1138	LWB	Issued TLR level 3B on SPS North - South flgt #5196		
1232	LWB	Issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
1329	LWB	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
1430	LWB	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
1529	LWB	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
1632	LWB	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
1727	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
1830	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
1927	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
2030	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
2128	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
2226	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
2333	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		

Reliability Log for April, 6				2010
Time	Initials	Comments	Tuesday	
3/22/10	900	SPS Imports limited to 427 and SPS Exports limited to 385. Due to Elk City-Sweetwater line out.		
4/05/10	930	SPS opened Kress 8927 breaker at Kress on the Kress-Happy 115kv, the breaker will stay open unless they need to close for adverse conditions demand closing.		
0030	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
0129	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
0236	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
0331	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
0426	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
0531	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
0628	LWB	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
0732	LWB	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
0833	LWB	Issued TLR level 3A on SPS North - South flgt #5196.		
0930	LWB	Re-issued TLR level 3A on SPS North - South flgt #5196.		
1019	LWB	SPS opened McLean 115kv for the outage Kirby Sw Sta--WTU (Shamrock) T54 causing problems with flgt #5248 overloading 474mw. SPP had not approved the outage and was not called to inform the RC of the outage taking place.		
1036	LWB	Issued TLR level 3A on SPS North - South flgt #5196.		
1052	LWB	Issued SPS an OMME DIRECTIVE to DEC Hobbs unit 100mw. The BA informed me he could do that but it would blow the SPS North - South flgt out to 900mw the BA did not repeat the DIRECTIVE to DEC Hobbs. On the INC side of the flgt there was no units to INC. The BA did not want to do anything just live with the post contingency loading 474mw.		
1053	LWB	Recended the OMME oder to DEC Hobbs unit by 100mw, Tony with SPS repeated the recended order.		
1141	LWB	Issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
1205	LWB	David with SPS reports that the Kirby Sw Sta --WTU (Shamrock) T54 is back in-service		
1238	LWB	Issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
1331	LWB	Issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
1442	LWB	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
1537	LWB	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
1640	LWB	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
1737	LWB	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
1836	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
1932	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
2034	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
2135	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
2233	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		
2332	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.		

Reliability Log for April, 7			2010
Time	Initials	Comments	Wednesday
3/22/10	900	SPS Imports limited to 427 and SPS Exports limited to 385. Due to Elk City-Sweetwater line out.	
4/05/10	930	SPS opened Kress 8927 breaker at Kress on the Kress-Happy 115kv, the breaker will stay open unless they need to close for adverse conditions demand closing.	
0029	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.	
0128	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.	
0229	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.	
0329	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.	
0434	DGA	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.	
0532	LWB	Re-issued TLR level 5A on SPS North - South flgt #5196, Feasibility.	
0640	LWB	Re-issued TLR level 3A on SPS North - South flgt #5196.	
0744	LWB	Re-issued TLR level 3A on SPS North - South flgt #5196.	
0839	LWB	Re-issued TLR level 3A on SPS North - South flgt #5196.	
0931	LWB	Re-issued TLR level 3A on SPS North - South flgt #5196.	
1035	LWB	Re-issued TLR level 3A on SPS North - South flgt #5196.	
1133	LWB	Re-issued TLR level 3A on SPS North - South flgt #5196.	
1236	LWB	Re-issued TLR level 3A on SPS North - South flgt #5196.	
1333	LWB	Re-issued TLR level 3A on SPS North - South flgt #5196.	
1436	LWB	Re-issued TLR level 3A on SPS North - South flgt #5196.	
1538	LWB	Re-issued TLR level 3A on SPS North - South flgt #5196.	
1632	LWB	Re-issued TLR level 3A on SPS North - South flgt #5196.	
1730	DGA	Re-issued TLR level 3A on SPS North - South flgt #5196.	
1832	DGA	Re-issued TLR level 3A on SPS North - South flgt #5196.	
1931	DGA	Re-issued TLR level 3A on SPS North - South flgt #5196.	
2029	DGA	Re-issued TLR level 3A on SPS North - South flgt #5196.	
2132	DGA	Re-issued TLR level 3A on SPS North - South flgt #5196.	
2234	DGA	Re-issued TLR level 3A on SPS North - South flgt #5196.	
2328	DGA	Re-issued TLR level 3A on SPS North - South flgt #5196.	

Reliability Log for April, 8			2010
Time	Initials	Comments	Thursday
3/22/10	900	SPS Imports limited to 427 and SPS Exports limited to 385. Due to Elk City-Sweetwater line out.	
4/05/10	930	SPS opened Kress 8927 breaker at Kress on the Kress-Happy 115kv, the breaker will stay open unless they need to close for adverse conditions demand closing.	
0026	DGA	Re-issued TLR level 3A on SPS North - South flgt #5196.	
0128	DGA	Re-issued TLR level 3A on SPS North - South flgt #5196.	
0135	DGA	SPSNORTH_S flgt 5196 effective limit changed from 725 to 650 on due to Wildorado generation data being off 140 mws. Wildorado generation data suspect from around 1100hrs 4/7/10. See email from Shift Engineer for further details.	
0226	DGA	Re-issued TLR level 3A on SPS North - South flgt #5196.	
0326	DGA	Re-issued TLR level 3A on SPS North - South flgt #5196.	
0425	DGA	Re-issued TLR level 3A on SPS North - South flgt #5196.	
0526	DGA	Re-issued TLR level 3A on SPS North - South flgt #5196.	
0626	LRG	Re-issued TLR level 3A on SPS North - South flgt #5196.	
0725	LRG	Re-issued TLR level 3A on SPS North - South flgt #5196.	
0826	LRG	Re-issued TLR level 3A on SPS North - South flgt #5196.	
0925	LRG	Re-issued TLR level 3A on SPS North - South flgt #5196.	
1026	LRG	Re-issued TLR level 3A on SPS North - South flgt #5196.	
1130	LRG	Re-issued TLR level 3A on SPS North - South flgt #5196.	
1226	LRG	Re-issued TLR level 3A on SPS North - South flgt #5196.	
1326	LRG	Re-issued TLR level 3A on SPS North - South flgt #5196.	
1425	LRG	Re-issued TLR level 3A on SPS North - South flgt #5196.	
1527	LRG	Re-issued TLR level 3A on SPS North - South flgt #5196.	
1626	LRG	Re-issued TLR level 3A on SPS North - South flgt #5196.	
1726	LRG	Re-issued TLR level 3A on SPS North - South flgt #5196.	
1828	DGA	Re-issued TLR level 3A on SPS North - South flgt #5196.	
1928	DGA	Re-issued TLR level 3A on SPS North - South flgt #5196.	
2027	DGA	Re-issued TLR level 3A on SPS North - South flgt #5196.	
2115	DGA	Issued TLR level 0 on SPS North - South flgt #5196.	

### SPS North - South #5196

— SPS North - South Flow — SOL

