

Congestion Management Report

ACTIVE Flowgate: [PTDF] [2981] [Wylie Ridge - Sammis 345] **Direction: Normal**

RC Requestor: PJM

TLR Effective Time (CST): 09/29/2009 13:05

TLR Confirm Time (CST): 09/29/2009 12:57

IDC MW Curtailed: 688

CA Requestor: PJM

TLR Report Time (CST): 09/29/2009 12:46

TLR Reallocation Time (CST): 09/29/2009 12:57

IDC Transactions Curtailed: 10

TLR Level: TLR Level 3A

TLR Summary Detail

Current Hour Information

Transaction Impact: -234 MW

Market Flow Impact: -181 MW

Total Current Hour Flow: -415 MW

Operator Flow Change Request: -10 MW

Next Hour Target Flow Requested: -425 MW

TLR Relief Needed

Next Hour Transaction Impact: -183 MW

Next Hour Market Flow: -200 MW

Pre-TLR>NNL Relief Credit: 0 MW

Total Next Hour Flow: -383 MW

Calculated Target Flow Request: -425 MW

Additional Next Hour Relief Required: 42 MW

TLR Relief Provided

Next Hour Transaction Relief: 42 MW

Next Hour Market Flow Relief: 0 MW

Next Hour>NNL Relief: 0 MW

Total Next Hour Relief: 42 MW

Next Hour Flow Provided: -425 MW

TLR Comments: None

Event History
Download Report
Re-Issue TLR
Training Adjust
Proceed
Print View
Excluded Market Tags
View Sub-Priority
TDF
GSF
GLDF
Hide W/R
Schedules by RC/BA/LSE

TLR Tracking

Type	Req Relief	Relief Provided at 12:57											
		13:05	13:10	13:15	13:20	13:25	13:30	13:35	13:40	13:45	13:50	13:55	
Tag	42.2												
Market	0.0												
Total	42.2												

Show TLR Tracking Graph

A TRL 3A is called on the Wylie Ridge – Sammis 345kV flowgate.

A request is made for 10 MWs relief next hour. The current hour flow is (-)415 MWs. The next hour target flow requested becomes (-)425 MWs.

The next hour flow is shown to increase to (-)383 MWs from (-)415 MWs. This makes a difference of 32 MWs additional that is required to the 10 MW request to fulfill the (-)425 MW next hour target flow. A total of 42 MWs of relief is now required.

Next Hour Reallocation Priority Summary

Priority	Total Trans Alloc	Total Schedule MW	Next Hour MW	Curtail MW	Relief Provided	Total Relief Available	Remaining Relief Available
0-NX	0	0	0	0	0.0	0.0	0.0
1-NS	0	0	0	0	0.0	0.0	0.0
2-NH	104	104	104	104	7.0	7.0	0.0
3-ND	0	0	0	0	0.0	0.0	0.0
4-NW	0	0	0	0	0.0	0.0	0.0
5-NM	0	0	0	0	0.0	0.0	0.0
6-NN	628	618	463	584	35.2	37.0	1.8
7-F	1443	1443	1440	0	0.0	100.6	100.6
7-FN	23	23	22	0	0.0	1.5	1.5
Total	2198	2188	2029	688	42.2	146.1	104.0

Column Definitions:

- The Total Transmission Allocation is the total amount of Transmission Allocation Reservations (by priority level) for transactions subject to curtailment (TDF > 5%). This number can be found on the Whole Transaction List (WTL).
- The Total Scheduled MW is the sum of all the Scheduled MWs (by priority level) subject to curtailment (TDF > 5%) assigned to all the transactions in the priority bucket. This number can be found on the Whole Transaction List (WTL).
- The Next Hour MW (by priority level) is the active MW amount that is supposed to flow next hour. This number accounts for outside restrictions that limit the MW flow.
- The Curtail MW is the MW amount curtailed by the TLR (by priority level). In this example, 104 MWs of 2-NH and 584 MWs of 6-NN are being curtailed next hour.
- The Relief Provided is the MW amount of the relief provided by the curtailed MW (by priority level). This is calculated by multiplying the TDF of the tag by the Curtail MW. In this example, 42.2 MWs of relief were provided (42 MWs were requested). The breakdown of the tags and their TDFs can be found below in the Next Hour Schedule Reallocation Table.
- The Total Relief Available is the sum of the impact (Total Scheduled MW * TDFs) for all the transactions with a TDF of 5% or greater (by priority level). This calculation will be aggregated by the priority and for all the e-Tags, including those that were not curtailed in the TLR prescription because their priority is higher than the Marginal Curtailment priority. For each priority the transactions that are not part of the Curtailment List will be accounted for (i.e., transactions in the Proceed status). In this example, the Relief Provided is 42.2 MWs even though the Total Relief Available is 146.1 MWs.
- The Remaining Relief Available is the difference between the values in the Total Relief Available Column and the Total Relief Provided Column (by priority level). In this example, 42.2 MWs of relief was provided of the 146.1 MWs available. A remaining 104 MWs is available to be cut if additional relief is needed.

Next Hour Schedule Reallocation

Sink RC	Tag Name	Service Point		Method	Tag Marginal Priority	Active MW	Next Hour Schedule MW	Next Hour Curtail MW	Next Hour MW Cap	Status	Outside Restriction	TDF %	Relief Provided	Acknowledgement			Adjustment		
		Source	Sink											Time	MW Cap	Start	GCA	LCA	Intercon
MISO	WAUE_ENDU010009085_MISO	WAUE	MISO-IMP (WAUE)	WL	2-NH	104	104	104	0	CURTAIL	NO	6.7	7.0	NO				N/A	
MISO	AECI_AMUE010117266_MISO	AECI	MISO-IMP (AECI)	WL	6-NN	10	10	9	1	CURTAIL	NO	5.3	0.5	NO				N/A	
MISO	AECI_APMM1SEP3542_MISO	AECI	MISO-IMP (AECI)	WL	6-NN	0	150	150	0	CURTAIL	NO	5.3	7.9	NO				N/A	
MISO	BREC_BRPS01CENT512_MISO	BREC	MISO-IMP (BREC)	WL	6-NN	109	109	109	0	CURTAIL	NO	7.3	8.0	NO				N/A	
MISO	DPC_DPC0000173_MISO	DPC	MISO-IMP (DPC)	WL	6-NN	4	4	4	0	CURTAIL	NO	6.7	0.3	NO				N/A	
MISO	DPC_GSEM10035611_MISO (6-CF)	DPC	MISO-IMP (DPC)	WL	6-NN	20	20	20	0	CURTAIL	NO	6.7	1.3	NO				N/A	
MISO	DPC_GSEM10035612_MISO (6-CF)	DPC	MISO-IMP (DPC)	WL	6-NN	20	20	20	0	CURTAIL	NO	6.7	1.3	NO				N/A	
MISO	DPC_GSEM10035613_MISO	DPC	MISO-IMP (DPC)	WL	6-NN	50	50	50	0	CURTAIL	NO	6.7	3.4	NO				N/A	
MISO	DPC_GSEM10035614_MISO	DPC	MISO-IMP (DPC)	WL	6-NN	45	50	50	0	CURTAIL	NO	6.7	3.4	NO				N/A	
MISO	NYIS_ONTRXJ0079_MISO	NYIS	MISO-IMP (NYIS)	WL	6-NN	205	205	172	33	CURTAIL	NO	5.3	9.2	NO				N/A	
Total Reallocation:						567	722	688	34				42.2						

The Next Hour Schedule Reallocation Table lists the tags that were affected by the TLR that was issued.

TLR Summary Page

Active and Pending TLR												
Matrix Calculation Times (CST)												
Full TDF Matrix		Market TDF Update		Full GSF Matrix		Last SDX Update						
15:02:48		15:23:45		15:04:23		15:13:00						
Action	RC	RC Ackn	Market	Flowgate			Level	TLR Date (CST)	Run Time (CST)	Req Relief	Remain Relief	Relief Prov.
				Number	Name							
[CMR] [NERC] [Re-Issue] [HIST] [WTL]	PJM	None	MISO,PJM	2981	Wylie Ridge - Sammis 345		3A	09/29 13:05	12:46	42.0	0.0	42.2
[CMR] [NERC] [HIST] [WTL]	PJM	None	MISO	552	Cherry Valley-Silver Lake 345 kV (15616 line)		0	09/29 12:20	12:10	0.0	0.0	0.0
[CMR] [NERC] [HIST] [WTL]	PJM	None	PJM	7	Hudson-Farragut (B-3402) 345 kV line		0	09/29 12:15	12:04	0.0	0.0	0.0
[CMR] [HIST] [WTL] [MON]	MISO	None	MISO,PJM	3006	EAU CLAIRE-ARPIN 345 KV		3B	09/23 11:15	11:09	10.0	0.0	10.1
[CMR] [HIST] [WTL]	MISO	None	MISO,PJM	111	Sammis-Wylie Ridge 345 kV I/O Perry-Ashtabula-Erie West 345 kV & Erie West TX1		3A	09/23 08:00	07:33	17.0	0.0	25.4
[CMR] [HIST] [WTL]	MISO	None	MISO,PJM	3268	Munster-Burnham 345 flo Dumont-Wilton Center 765		3B	09/23 07:55	07:41	5.0	0.0	5.0
[CMR] [HIST] [WTL]	MISO	None	MISO,PJM	2990	Mansfield- Beaver Valley 345		3B	09/22 15:15	15:08	10.0	2.9	7.1
[CMR] [HIST] [WTL] [MON]	MISO	None	MISO,PJM	3018	EAU CLAIRE-ARPIN+PRAIRIE ISLAND-BYRON		5B	09/22 08:55	09:00	250.0	0.0	254.0

The Remaining Relief column on the TLR summary page differs from the CMR. Here it lists what relief was not provided by the TLR (that had been requested). For example, a TLR was called on the Mansfield – Beaver Valley 345 kV line above. A request was made for 10 MWs, however only 7.1 MWs of relief was provided. The Remaining Relief listed on this page is 2.9 MWs.