



**OATI IDC Periodic Report to NERC
 Project #405
 July 2012**

IDC Operational and IDC System availability statistics are indicated in the tables below:

Operational Statistics	Period	
	From: 04/10/2002 00:00	From: 07/01/2012 00:00
	To: 07/01/2012 00:00	To: 08/01/2012 00:00
Total TLR Events ¹	24,103	132
Total TLR Actions ²	216,002	1,020
TLR Events with Cuts	16,905	124
TLR Actions with Cuts	95,633	864
Total Tag Cuts	662,687	20,199
Total On-Path Tag Cut ³	350,187	13,592
Total Loop Flow Tag Cut ⁴	312,500	6,607
% On-Path Tag Cut	52.84%	67.29%
% Loop Flow Tag Cut	47.16%	32.71%
Total MW Cuts ⁵	33,526,940	345,615
Total On-Path MW Cut	16,028,931	216,699
Total Loop Flow MW Cut	17,498,009	128,916
% On-Path MW Cut	47.81%	62.70%
% Loop Flow MW Cut	52.19%	37.30%
Total Denied IDC Cuts ⁶	16,637	108
Total Tags in IDC	9,228,269	63,635
Total Tag Requests	21,547,838	222,220
Total Cut Requests	8,513,817	111,136
Total Energy Schedules ⁷	54,461,178	484,108
Total Cut Schedules	8,801,274	114,603
Total Transm. Schedules (OASIS Reservations)	109,029,856	916,858
Total Tag Energy Scheduled	8,347,914 GWh	89,591 GWh
Total IDC Energy Cut	32,745 GWh	339 GWh
On-Path Energy Cut	15,630 GWh	212 GWh
Loop Flow Energy Cut	17,110 GWh	127 GWh
IDC Energy Cut (%)	0.39%	0.38%
Actual Energy Flow post curtailment (% Sched)	99.61%	99.62%
On-Path Energy Cut (%)	47.73%	62.57%
Loop-Flow Energy Cut (%)	52.25%	37.43%

¹ TLR Event comprises all the TLR actions from initial TLR issuance (Level 2 and higher) until the TLR is terminated with a TLR Level 0

² Each one of the TLR issuances of the RC. The action can be Level 2, 3A, 3B, 4, 5A, 5B and 6

³ Constrained Path Method (CPM) computation

⁴ Weakest Link (WK)

⁵ As acknowledged by the Sink RC

⁶ Active and Passive

⁷ Indicates different schedule blocks

Availability Statistics	From 04/10/2002 to 07/01/2012	From 07/01/2012 to 08/01/2012
Planned Outages (# / Total Time in minutes)	140 ⁽⁸⁾ / 3181 minutes	2 / 6 minutes
Unplanned Outages (# / Total Time in minutes)	7 / 441 minutes	0 / 0 minutes
Availability ⁹	99.99%	100.00%

Highlights:

- An Emergency update to the July 2012 summer base case and Flowgate set was uploaded in the IDC on Tuesday, July 17, 2012, which took approximately six minutes to accomplish. This was at the request of MISO.
- The August 2012 summer base case and Flowgate set was uploaded in the IDC on Tuesday, July 31, 2012, which took approximately six minutes to accomplish.
- Mr. Mohamad Yassin and Mr. Dirk Altenhoff participated in an IDC Working Group Conference Call Meeting on July 10, 2012 for discussion of Change Orders.
- IDC Change Order #348 IDC (MISO webData Messages) was deployed to the IDC Production Environment on June 27, 2012.

⁸ Includes 7 planned outages (on September 29, 2005, June 1, 2006, April 8, 2008, April 22, May 1, 2008, May 3, 2011, and July 7, 2011) and 99 IDC network model updates (May 1st, June 2nd, July 1st, August 1st, September 1, October 1, November 1, 2005, February 1, March 9, April 1, May 2, June 9, June 26, July 5, August 9, September 1, October 3, November 1, December 1, and December 6, 2006, January 3, January 31, March 1, April 1, May 1, June 7, July 5, July 31, September 4, September 10, October 3, October 10, November 2, November 9, and December 2, 2007, January 3, February 1, March 1, April 1, May 5, June 3, July 1, August 1, September 4, October 1, November 3, December 1, 2008, January 13, February 2, February 13, March 2, March 5, April 1, May 1, June 9, July 9, August 4, August 31, September 17, September 30, November 2, December 1, December 17, 2009, January 2, February 2, March 2, April 5, May 4, June 1, June 17, July 7, August 3, September 1, October 1, November 2, November 16, December 1, 2010, January 4, February 1, March 1, April 4, May 5, May 10, May 25, May 31, June 29, August 2, September 1, October 4, November 1, November 3, December 1, December 31, 2011, January 31, February 29, April 3, May 1, June 1, July 6, July 17, and July 31, 2012), plus 34 network model updates and other planned outages from the previous contract period, as noted in the IDC Periodic Report for April 2005.

⁹ Planned Outages are not included in the computation of Availability figures.