



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

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

Operational Statistics	Period	
	From: 04/10/2002 00:00	From: 04/01/2012 00:00
	To: 04/01/2012 00:00	To: 05/01/2012 00:00
Total TLR Events ¹	23,802	104
Total TLR Actions ²	213,550	863
TLR Events with Cuts	16,628	97
TLR Actions with Cuts	93,818	649
Total Tag Cuts	643,549	4,419
Total On-Path Tag Cut ³	338,966	2,160
Total Loop Flow Tag Cut ⁴	304,583	2,259
% On-Path Tag Cut	52.67%	48.88%
% Loop Flow Tag Cut	47.33%	51.12%
Total MW Cuts ⁵	32,878,536	182,405
Total On-Path MW Cut	15,774,624	73,784
Total Loop Flow MW Cut	17,103,912	108,621
% On-Path MW Cut	47.98%	40.45%
% Loop Flow MW Cut	52.02%	59.55%
Total Denied IDC Cuts ⁶	16,356	99
Total Tags in IDC	9,057,387	54,349
Total Tag Requests	21,024,752	160,486
Total Cut Requests	8,284,504	68,116
Total Energy Schedules ⁷	53,131,571	435,456
Total Cut Schedules	8,567,492	68,937
Total Transm. Schedules (OASIS Reservations)	106,526,176	818,500
Total Tag Energy Scheduled	8,119,558 GWh	70,617 GWh
Total IDC Energy Cut	32,108 GWh	177 GWh
On-Path Energy Cut	15,382 GWh	71 GWh
Loop Flow Energy Cut	16,721 GWh	106 GWh
IDC Energy Cut (%)	0.40%	0.25%
Actual Energy Flow post curtailment (% Sched)	99.60%	99.75%
On-Path Energy Cut (%)	47.91%	40.03%
Loop-Flow Energy Cut (%)	23,802	104

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 04/01/2012	From 04/01/2012 to 05/01/2012
Planned Outages (# / Total Time in minutes)	136 ⁽⁸⁾ / 3157 minutes	1 / 6 minutes
Unplanned Outages (# / Total Time in minutes)	7 / 441 minutes	0 / 0 minutes
Availability ⁹	99.99%	100.00%

Highlights:

- The May 2012 summer base case and Flowgate set was uploaded in the IDC on Tuesday, May 01, 2012, which took approximately six minutes to accomplish.
- OATI staff, including Mohamad Yassin and Jim Latimer participated in the IDC Working Group Meeting Conference Calls on April 04, and April 13, 2012.
- The following IDC change orders were deployed to the IDC production environment on April 23, 2012:

Change Order #333 (TLR history display)
 Change Order #338 (Default TLR level 0 and 1 Issuance Time)
 Change Order #340 (Effective Time on Flowgate market coordination)
 Change Order #341 (Disable Alarming for MISO and PJM DA Flowgate NNL Message)

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 95 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, and May 1, 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.