



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

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

Operational Statistics	Period	
	From: 04/10/2002 00:00	From: 05/01/2012 00:00
	To: 05/01/2012 00:00	To: 06/01/2012 00:00
Total TLR Events ¹	23,906	105
Total TLR Actions ²	214,413	897
TLR Events with Cuts	16,725	95
TLR Actions with Cuts	94,467	657
Total Tag Cuts	647,968	8,032
Total On-Path Tag Cut ³	341,126	4,948
Total Loop Flow Tag Cut ⁴	306,842	3,084
% On-Path Tag Cut	52.65%	61.60%
% Loop Flow Tag Cut	47.35%	38.40%
Total MW Cuts ⁵	33,060,941	254,082
Total On-Path MW Cut	15,848,408	111,124
Total Loop Flow MW Cut	17,212,533	142,958
% On-Path MW Cut	47.94%	43.74%
% Loop Flow MW Cut	52.06%	56.26%
Total Denied IDC Cuts ⁶	16,455	113
Total Tags in IDC	9,111,736	58,731
Total Tag Requests	21,185,238	180,227
Total Cut Requests	8,352,620	79,386
Total Energy Schedules ⁷	53,567,027	449,366
Total Cut Schedules	8,636,429	81,701
Total Transm. Schedules (OASIS Reservations)	107,344,676	833,584
Total Tag Energy Scheduled	8,190,175 GWh	76,987 GWh
Total IDC Energy Cut	32,285 GWh	250 GWh
On-Path Energy Cut	15,453 GWh	109 GWh
Loop Flow Energy Cut	16,827 GWh	141 GWh
IDC Energy Cut (%)	0.39%	0.33%
Actual Energy Flow post curtailment (% Sched)	99.61%	99.67%
On-Path Energy Cut (%)	47.86%	43.64%
Loop-Flow Energy Cut (%)	52.12%	56.36%

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 05/01/2012	From 05/01/2012 to 06/01/2012
Planned Outages (# / Total Time in minutes)	137 ⁽⁸⁾ / 3163 minutes	1 / 6 minutes
Unplanned Outages (# / Total Time in minutes)	7 / 441 minutes	0 / 0 minutes
Availability ⁹	99.99%	100.00%

Highlights:

- The June 2012 summer base case and Flowgate set was uploaded in the IDC on Friday, June 01, 2012, which took approximately six minutes to accomplish.
- Mr. Mohamad Yassin and Mr. Jim Latimer of Open Access Technology International, Inc. (OATI) participated in the IDC Working Group Meeting on May 16 and 17, 2012 in Atlanta, GA.
- IDC Change Order #332 (Changes to Manitoba EAR Tag in IDC) was deployed to the IDC production environment on May 31, 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 96 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, and June 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.