



OATI IDC Periodic Report to NERC
Project #405
May 2011

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

Operational Statistics	Period	
	From: 04/10/2002 00:00	From: 05/01/2011 00:00
	To: 05/01/2011 00:00	To: 06/01/2011 00:00
Total TLR Events ¹	22,522	178
Total TLR Actions ²	201,483	1,855
TLR Events with Cuts	15,447	167
TLR Actions with Cuts	84,688	1,381
Total Tag Cuts	559,559	22,187
Total On-Path Tag Cut ³	296,303	10,417
Total Loop Flow Tag Cut ⁴	263,256	11,770
% On-Path Tag Cut	52.95%	46.95%
% Loop Flow Tag Cut	47.05%	53.05%
Total MW Cuts ⁵	29,890,458	612,161
Total On-Path MW Cut	14,663,021	263,823
Total Loop Flow MW Cut	15,227,437	348,338
% On-Path MW Cut	49.06%	43.10%
% Loop Flow MW Cut	50.94%	56.90%
Total Denied IDC Cuts ⁶	15,265	288
Total Tags in IDC	8,388,376	65,850
Total Tag Requests	18,970,000	212,762
Total Cut Requests	7,378,726	101,022
Total Energy Schedules ⁷	48,136,174	484,222
Total Cut Schedules	7,648,457	102,798
Total Transm. Schedules (OASIS Reservations)	96,911,997 GWh	949,116 GWh
Total Tag Energy Scheduled	7,269,089 GWh	76,516 GWh
Total IDC Energy Cut	29,175 GWh	599 GWh
On-Path Energy Cut	14,292 GWh	259 GWh
Loop Flow Energy Cut	14,876	340
IDC Energy Cut (%)	0.40%	0.78%
Actual Energy Flow post curtailment (% Sched)	99.60%	99.22%
On-Path Energy Cut (%)	48.99%	43.20%
Loop-Flow Energy Cut (%)	50.99%	56.80%

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 05/01/2011	From 05/01/2011 to 06/01/2011
Planned Outages (# / Total Time in minutes)	124 ⁽⁸⁾ / 3043 minutes	3 / 9 minutes
Unplanned Outages (# / Total Time in minutes)	5 / 437	0 / 0 minutes
Availability ⁹	99.99%	100.00%

Highlights:

- An Emergency update to the May 2011 Winter Base Case and Flowgate Set was uploaded in the IDC on Tuesday, May 10, 2011, which took approximately three minutes to accomplish. This was at the request of IESO and the IDC Working Group.
- An Emergency update to the May 2011 Winter Base Case and Flowgate Set was uploaded in the IDC on Wednesday, May 25, 2011, which took approximately three minutes to accomplish. This was at the request of SPP and the IDC Working Group.
- The June 2011 Summer Base Case and Flowgate set was uploaded in the IDC on Tuesday, May 31, 2011, which took approximately three minutes to accomplish.
- OATI staff, including Nelson Muller, Carlos Gonzalez-Perez, Jose Medina, Mohamad Yassin, and Jim Latimer, participated in the IDC Working Group meeting at the OATI offices on May 11 and 12, 2011.
- OATI staff, including Nelson Muller, Carlos Gonzalez-Perez, Jose Medina, Mohamad Yassin, and Jim Latimer, participated in a discussion and Webcast on the subject of Market Flow in the IDC, at the OATI offices on May 13, 2011.

⁸ Includes 6 planned outages (on September 29, 2005, June 1, 2006, April 8, 2008, April 22, May 1, 2008, and May 3, 2011) and 84 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, and May 31, 2011.) 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.