

OATI IDC Periodic Report to NERC
Project #405
December 2011

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

Operational Statistics	Period	
	From: 04/10/2002 00:00	From: 12/01/2011 00:00
	To: 12/01/2011 00:00	To: 01/01/2012 00:00
Total TLR Events ¹	23,409	99
Total TLR Actions ²	209,414	1,000
TLR Events with Cuts	16,269	87
TLR Actions with Cuts	90,693	745
Total Tag Cuts	615,989	8,753
Total On-Path Tag Cut ³	325,151	6,242
Total Loop Flow Tag Cut ⁴	290,838	2,511
% On-Path Tag Cut	52.79%	71.31%
% Loop Flow Tag Cut	47.21%	28.69%
Total MW Cuts ⁵	31,971,570	200,839
Total On-Path MW Cut	15,495,494	100,810
Total Loop Flow MW Cut	16,476,076	100,029
% On-Path MW Cut	48.47%	50.19%
% Loop Flow MW Cut	51.53%	49.81%
Total Denied IDC Cuts ⁶	16,140	102
Total Tags in IDC	8,838,577	56,829
Total Tag Requests	20,358,895	169,164
Total Cut Requests	7,994,102	70,983
Total Energy Schedules ⁷	51,375,924	451,871
Total Cut Schedules	8,272,326	71,835
Total Transm. Schedules (OASIS Reservations)	103,191,641	865,301
Total Tag Energy Scheduled	7,826,811 GWh	80,197 GWh
Total IDC Energy Cut	31,217 GWh	196 GWh
On-Path Energy Cut	15,108 GWh	99 GWh
Loop Flow Energy Cut	16,102 GWh	97 GWh
IDC Energy Cut (%)	0.40%	0.24%
Actual Energy Flow post curtailment (% Sched)	99.60%	99.76%
On-Path Energy Cut (%)	48.40%	50.41%
Loop-Flow Energy Cut (%)	51.58%	49.59%

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 12/01/2011	From 12/01/2011 to 01/01/2012
Planned Outages (# / Total Time in minutes)	133 (⁸) / 3133 minutes	1 / 6 minutes
Unplanned Outages (# / Total Time in minutes)	7 / 441	0 / 0 minutes
Availability ⁹	99.99%	100.00%

Highlights:

- The January 2012 winter base case and Flowgate set was uploaded in the IDC on Saturday, December 31, 2011, which took approximately six minutes to accomplish.
- IDC Change Order #329 (Load Adjustment During TLR 5 Issuance) was applied in IDC production on December 01, 2011.
- OATI staff, including Mohamad Yassin, Carlos Gonzalez-Perez, and Nelson Muller participated in the IDC Working Group Meeting on December 07 and 08, 2011 at NERC in Atlanta.

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 92 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, and December 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.