



OATI IDC Periodic Report to NERC
Project #405
March 2012

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

Operational Statistics	Period	
	From: 04/10/2002 00:00	From: 03/01/2012 00:00
	To: 03/01/2012 00:00	To: 04/01/2012 00:00
Total TLR Events ¹	23,698	104
Total TLR Actions ²	212,241	1,309
TLR Events with Cuts	16,527	101
TLR Actions with Cuts	92,818	1,000
Total Tag Cuts	635,898	7,651
Total On-Path Tag Cut ³	334,225	4,741
Total Loop Flow Tag Cut ⁴	301,673	2,910
% On-Path Tag Cut	52.56%	61.97%
% Loop Flow Tag Cut	47.44%	38.03%
Total MW Cuts ⁵	32,595,475	283,061
Total On-Path MW Cut	15,682,947	91,677
Total Loop Flow MW Cut	16,912,528	191,384
% On-Path MW Cut	48.11%	32.39%
% Loop Flow MW Cut	51.89%	67.61%
Total Denied IDC Cuts ⁶	16,300	56
Total Tags in IDC	9,002,950	54,437
Total Tag Requests	20,857,152	167,600
Total Cut Requests	8,210,083	74,421
Total Energy Schedules ⁷	52,680,299	451,272
Total Cut Schedules	8,491,247	76,245
Total Transm. Schedules (OASIS Reservations)	105,683,699	842,477
Total Tag Energy Scheduled	8,052,460 GWh	67,098 GWh
Total IDC Energy Cut	31,828 GWh	280 GWh
On-Path Energy Cut	15,291 GWh	91 GWh
Loop Flow Energy Cut	16,531 GWh	190 GWh
IDC Energy Cut (%)	0.40%	0.42%
Actual Energy Flow post curtailment (% Sched)	99.60%	99.58%
On-Path Energy Cut (%)	48.04%	32.30%
Loop-Flow Energy Cut (%)	51.94%	67.70%

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 03/01/2012	From 03/01/2012 to 04/01/2012
Planned Outages (# / Total Time in minutes)	135 ⁽⁸⁾ / 3151 minutes	1 / 6 minutes
Unplanned Outages (# / Total Time in minutes)	7 / 441	0 / 0 minutes
Availability ⁹	99.99%	100.00%

Highlights:

- The April 2012 winter base case and Flowgate set was uploaded in the IDC on Tuesday, April 3, 2012, which took approximately six minutes to accomplish.
- OATI staff, including Mohamad Yassin and Jim Latimer participated in the IDC Working Group Meeting on March 21 and 22, 2012 at Duke Energy in Charlotte, NC.

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 94 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, and April 3, 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.