



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

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

Operational Statistics	Period	
	From: 04/10/2002 00:00	From: 09/01/2012 00:00
	To: 09/01/2012 00:00	To: 10/01/2012 00:00
Total TLR Events ¹	24,327	74
Total TLR Actions ²	217,877	545
TLR Events with Cuts	17,117	70
TLR Actions with Cuts	97,221	443
Total Tag Cuts	691,081	2,478
Total On-Path Tag Cut ³	370,305	1,619
Total Loop Flow Tag Cut ⁴	320,776	859
% On-Path Tag Cut	53.58%	65.33%
% Loop Flow Tag Cut	46.42%	34.67%
Total MW Cuts ⁵	34,066,998	126,831
Total On-Path MW Cut	16,412,282	99,422
Total Loop Flow MW Cut	17,654,716	27,409
% On-Path MW Cut	48.18%	78.39%
% Loop Flow MW Cut	51.82%	21.61%
Total Denied IDC Cuts ⁶	16,799	31
Total Tags in IDC	9,352,969	57,112
Total Tag Requests	21,989,086	201,639
Total Cut Requests	8,735,733	101,089
Total Energy Schedules ⁷	55,430,567	444,748
Total Cut Schedules	9,028,966	101,554
Total Transm. Schedules (OASIS Reservations)	110,858,639	832,586
Total Tag Energy Scheduled	8,523,253 GWh	87,694 GWh
Total IDC Energy Cut	33,276 GWh	124 GWh
On-Path Energy Cut	16,007 GWh	97 GWh
Loop Flow Energy Cut	17,264 GWh	27 GWh
IDC Energy Cut (%)	0.39%	0.14%
Actual Energy Flow post curtailment (% Sched)	99.61%	99.86%
On-Path Energy Cut (%)	48.10%	78.28%
Loop-Flow Energy Cut (%)	51.88%	21.72%

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 09/01/2012	From 09/01/2012 to 10/01/2012
Planned Outages (# / Total Time in minutes)	140 ⁽⁸⁾ / 3181 minutes	3/16 minutes
Unplanned Outages (# / Total Time in minutes)	7/441 minutes	0/0 minutes
Availability ⁹	99.99%	100.00%

Highlights:

- The October 2012 summer base case and Flowgate set was uploaded in the IDC on Monday, October 01, 2012, which took approximately six minutes to accomplish.
- Change Order #328 (Intra Hour Tag Curtailment) was deployed to the IDC Production Environment at the time of the October 01, 2012 model update.
- An Emergency update to the September 2012 summer base case and flowgate set was uploaded in the IDC on Monday, September 10, 2012, which took approximately six minutes to accomplish. This was at the request of SPP.
- The September 2012 summer base case and flowgate set was uploaded in the IDC on Tuesday, September 04, 2012, which took approximately six minutes to accomplish.
- Mr. Mohamad Yassin and Mr. Jim Latimer attended the IDC Working Group conference Call on September 24, 2012. Discussion included approvals for Change Orders #328 and #349, as well as discussion of recently drafted Change Orders.

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 99 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, June 1, July 6, July 17, and July 31, 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.