



OATI IDC Periodic Report to NERC  
Project #405  
June 2011

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

Operational Statistics	Period	
	From: 04/10/2002 00:00	From: 06/01/2011 00:00
	To: 06/01/2011 00:00	To: 07/01/2011 00:00
Total TLR Events <sup>1</sup>	22,700	163
Total TLR Actions <sup>2</sup>	203,338	1,693
TLR Events with Cuts	15,614	154
TLR Actions with Cuts	86,069	1,335
Total Tag Cuts	581,746	11,156
Total On-Path Tag Cut <sup>3</sup>	306,720	5,718
Total Loop Flow Tag Cut <sup>4</sup>	275,026	5,438
% On-Path Tag Cut	52.72%	51.25%
% Loop Flow Tag Cut	47.28%	48.75%
Total MW Cuts <sup>5</sup>	30,502,619	508,573
Total On-Path MW Cut	14,926,844	200,791
Total Loop Flow MW Cut	15,575,775	307,782
% On-Path MW Cut	48.94%	39.48%
% Loop Flow MW Cut	51.06%	60.52%
Total Denied IDC Cuts <sup>6</sup>	15,553	293
Total Tags in IDC	8,454,226	64,523
Total Tag Requests	19,182,762	208,064
Total Cut Requests	7,479,748	96,315
Total Energy Schedules <sup>7</sup>	48,620,396	475,458
Total Cut Schedules	7,751,255	97,117
Total Transm. Schedules (OASIS Reservations)	97,861,113	932,273
Total Tag Energy Scheduled	7,345,605 GWh	78,189 GWh
Total IDC Energy Cut	29,774 GWh	500 GWh
On-Path Energy Cut	14,551 GWh	197 GWh
Loop Flow Energy Cut	15,216 GWh	303 GWh
IDC Energy Cut (%)	0.41%	0.64%
Actual Energy Flow post curtailment (% Sched)	99.59%	99.36%
On-Path Energy Cut (%)	48.87%	39.39%
Loop-Flow Energy Cut (%)	51.10%	60.61%

<sup>1</sup> 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

<sup>2</sup> Each one of the TLR issuances of the RC. The action can be Level 2, 3A, 3B, 4, 5A, 5B and 6

<sup>3</sup> Constrained Path Method (CPM) computation

<sup>4</sup> Weakest Link (WK)

<sup>5</sup> As acknowledged by the Sink RC

<sup>6</sup> Active and Passive

<sup>7</sup> Indicates different schedule blocks

Availability Statistics	From 04/10/2002 to 06/01/2011	From 06/01/2011 to 07/01/2011
Planned Outages (# / Total Time in minutes)	125 <sup>(8)</sup> / 3088 minutes	1 / 45 minutes
Unplanned Outages (# / Total Time in minutes)	5 / 437	0 / 0 minutes
Availability <sup>9</sup>	99.99%	100.00%

**Highlights:**

- The July 2011 Summer Base Case and Flowgate set was uploaded in the IDC on Wednesday, June 29, 2011, which took approximately forty-five minutes to accomplish. This longer than usual time was due to making sure that the GTL modeling changes were implemented correctly and the GTL processes were properly functioning under the new model. Note: This was the first model update with GTL implemented in production.
- The following IDC Change Orders were implemented in the IDC production environment on June 29, 2011:
  - IDC Change Order #313 - Use of SDX Common Names in IDC
  - IDC Change Order #324 - Change in Default TLR Start Time for 3B/5B in IDC TLR Issuance Window
  - IDC Change Order #327 - Creation of TAP Pseudo BA for the ALCOA Elements in Tennessee Valley Authority (TVA)
  - SDX Change Order #07 - SDX File Daily Load Time Conversion
- OATI staff, including Nelson Muller, Carlos Gonzalez-Perez, Jose Medina, Mohamad Yassin, and Jim Latimer, participated IDC Working Group conference calls on June 02 and 23, 2011.

<sup>8</sup> Includes 6 planned outages (on September 29, 2005, June 01, 2006, April 08, 2008, April 22, May 01, 2008, and May 03, 2011) and 85 IDC network model updates (May 01, June 02, July 01, August 01, September 01, October 01, November 01, 2005; February 01, March 09, April 01, May 02, June 09, June 26, July 05, August 09, September 01, October 03, November 01, December 01, and December 6, 2006; January 03, January 31, March 01, April 01, May 01, June 07, July 05, July 31, September 04, September 10, October 03, October 10, November 02, November 09, and December 2, 2007; January 03, February 01, March 01, April 01, May 05, June 03, July 01, August 01, September 04, October 01, November 03, December 01, 2008; January 13, February 02, February 13, March 02, March 05, April 01, May 01, June 09, July 09, August 04, August 31, September 17, September 30, November 02, December 01, December 17, 2009; January 02, February 02, March 02, April 05, May 04, June 01, June 17, July 07, August 03, September 01, October 01, November 02, November 16, December 01, 2010; January 04, February 01, March 01, April 04, May 05, May 10, May 25, May 31, and June 29, 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. Nine Planned Outages are not included in the computation of Availability figures.