

**OATI IDC Periodic Report to NERC**  
**Project #405**  
**November 2011**

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

Operational Statistics	Period	
	From: 04/10/2002 00:00	From: 11/01/2011 00:00
	To: 11/01/2011 00:00	To: 12/01/2011 00:00
Total TLR Events <sup>1</sup>	23,312	97
Total TLR Actions <sup>2</sup>	208,627	787
TLR Events with Cuts	16,176	93
TLR Actions with Cuts	90,009	684
Total Tag Cuts	610,005	5,984
Total On-Path Tag Cut <sup>3</sup>	321,108	4,043
Total Loop Flow Tag Cut <sup>4</sup>	288,897	1,941
% On-Path Tag Cut	52.64%	67.56%
% Loop Flow Tag Cut	47.36%	32.44%
Total MW Cuts <sup>5</sup>	31,778,112	193,458
Total On-Path MW Cut	15,405,041	90,453
Total Loop Flow MW Cut	16,373,071	103,005
% On-Path MW Cut	48.48%	46.76%
% Loop Flow MW Cut	51.52%	53.24%
Total Denied IDC Cuts <sup>6</sup>	16,050	90
Total Tags in IDC	8,781,344	57,233
Total Tag Requests	20,186,137	172,758
Total Cut Requests	7,920,887	73,215
Total Energy Schedules <sup>7</sup>	50,940,428	435,496
Total Cut Schedules	8,198,736	73,590
Total Transm. Schedules (OASIS Reservations)	102,351,558	840,083
Total Tag Energy Scheduled	7,754,866 GWh	71,945 GWh
Total IDC Energy Cut	31,028 GWh	189 GWh
On-Path Energy Cut	15,019 GWh	89 GWh
Loop Flow Energy Cut	16,002 GWh	100 GWh
IDC Energy Cut (%)	0.40%	0.26%
Actual Energy Flow post curtailment (% Sched)	99.60%	99.74%
On-Path Energy Cut (%)	48.40%	46.88%
Loop-Flow Energy Cut (%)	51.57%	53.12%

<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 11/01/2011	From 11/01/2011 to 12/01/2011
Planned Outages (# / Total Time in minutes)	132 <sup>(8)</sup> / 3127 minutes	2 / 12 minutes
Unplanned Outages (# / Total Time in minutes)	7 / 441	0 / 0 minutes
Availability <sup>9</sup>	100.00%	99.99%

**Highlights:**

- There was an Emergency Planned Outage in the IDC on Thursday, November 03, 2011, at the request of SPP. This took approximately six minutes to accomplish.
- The December 2011 winter base case and Flowgate set was uploaded in the IDC on Thursday, December 01, 2011, which took approximately six minutes to accomplish.
- IDC CO #329 (Load Adjustment During TLR 5 Issuance) was applied in IDC production on December 01, 2011.
- webSDX CO #09 (Addition of Derate Validation to webSDX ) was applied in webSDX production on December 01, 2011.
- OATI staff, participated in an IDC Working Group Conference Call on November 11, 2011.

<sup>8</sup> 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 91 IDC network model updates (May 1, June 2, July 1, August 1, 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, and December 1, 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.

<sup>9</sup> Planned Outages are not included in the computation of Availability figures.