



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

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

Operational Statistics	Period	
	From: 04/10/2002 00:00	From: 08/01/2011 00:00
	To: 08/01/2011 00:00	To: 09/01/2011 00:00
Total TLR Events <sup>1</sup>	22,987	97
Total TLR Actions <sup>2</sup>	205,979	653
TLR Events with Cuts	15,881	80
TLR Actions with Cuts	88,091	421
Total Tag Cuts	597,375	3,574
Total On-Path Tag Cut <sup>3</sup>	314,274	1,768
Total Loop Flow Tag Cut <sup>4</sup>	283,101	1,806
% On-Path Tag Cut	52.61%	49.47%
% Loop Flow Tag Cut	47.39%	50.53%
Total MW Cuts <sup>5</sup>	31,235,272	148,688
Total On-Path MW Cut	15,189,619	48,627
Total Loop Flow MW Cut	16,045,653	100,061
% On-Path MW Cut	48.63%	32.70%
% Loop Flow MW Cut	51.37%	67.30%
Total Denied IDC Cuts <sup>6</sup>	15,880	31
Total Tags in IDC	8,585,895	73,942
Total Tag Requests	19,593,723	224,141
Total Cut Requests	7,663,901	97,366
Total Energy Schedules <sup>7</sup>	49,571,672	491,240
Total Cut Schedules	7,937,584	99,232
Total Transm. Schedules (OASIS Reservations)	99,722,917	935,811
Total Tag Energy Scheduled	7,512,277 GWh	92,241 GWh
Total IDC Energy Cut	30,495 GWh	147 GWh
On-Path Energy Cut	14,808 GWh	48 GWh
Loop Flow Energy Cut	15,680 GWh	99 GWh
IDC Energy Cut (%)	0.41%	0.16%
Actual Energy Flow post curtailment (% Sched)	99.59%	99.84%
On-Path Energy Cut (%)	48.56%	32.42%
Loop-Flow Energy Cut (%)	51.42%	67.58%

<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 08/01/2011	From 08/01/2011 to 08/01/2011
Planned Outages (# / Total Time in minutes)	128 <sup>(8)</sup> /3109 minutes	2/6 minutes
Unplanned Outages (# / Total Time in minutes)	5/437	0/0 minutes
Availability <sup>9</sup>	99.99%	100.00%

**Highlights:**

- The August 2011 Summer Base Case and Flowgate set were uploaded in the IDC on Wednesday, August 03, 2011, which took approximately three minutes to accomplish.
- The September 2011 Summer Base Case and Flowgate set were uploaded in the IDC on Thursday, September 01, 2011, which took approximately three minutes to accomplish.
- OATI Staff, including Nelson Muller, Carlos Gonzalez-Perez, and Mohamad Yassin, participated in the IDC Working Group Meeting in Toronto on August 24-25, 2011.

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<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 85 IDC network model updates (May 1<sup>st</sup>, June 2<sup>nd</sup>, July 1<sup>st</sup>, August 1<sup>st</sup>, 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, and September 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.