



OATI IDC Periodic Report to NERC  
Project #405  
January 2011

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

Operational Statistics	Period	
	From: 04/10/2002 00:00	From: 01/01/2011 00:00
	To: 01/01/2011 00:00	To: 02/01/2011 00:00
Total TLR Events <sup>1</sup>	21,901	151
Total TLR Actions <sup>2</sup>	194,836	1,585
TLR Events with Cuts	14,868	145
TLR Actions with Cuts	79,811	1,188
Total Tag Cuts	530,241	8,298
Total On-Path Tag Cut <sup>3</sup>	284,841	2,251
Total Loop Flow Tag Cut <sup>4</sup>	245,400	6,047
% On-Path Tag Cut	53.72%	27.13%
% Loop Flow Tag Cut	46.28%	72.87%
Total MW Cuts <sup>5</sup>	28,589,986	410,090
Total On-Path MW Cut	14,251,231	76,558
Total Loop Flow MW Cut	14,338,755	333,532
% On-Path MW Cut	49.85%	19%
% Loop Flow MW Cut	50.15%	81%
Total Denied IDC Cuts <sup>6</sup>	14,522	200
Total Tags in IDC	8,140,392	66,075
Total Tag Requests	18,217,119	197,627
Total Cut Requests	7,050,160	87,421
Total Energy Schedules <sup>7</sup>	46,363,583	451,307
Total Cut Schedules	7,316,701	87,971
Total Transm. Schedules (OASIS Reservations)	93,363,636	928,102
Total Tag Energy Scheduled	6,981,116 GWh	76,435 GWh
Total IDC Energy Cut	27,902 GWh	402 GWh
On-Path Energy Cut	13,890 GWh	73 GWh
Loop Flow Energy Cut	14,006 GWh	328 GWh
IDC Energy Cut (%)	0.40%	0.53%
Actual Energy Flow post curtailment (% Sched)	99.60%	99.47%
On-Path Energy Cut (%)	49.78%	18.25%
Loop-Flow Energy Cut (%)	50.20%	81.75%

<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 02/01/2011	From 01/01/2011 to 02/01/2011
Planned Outages (# / Total Time in minutes)	117 ( <sup>8</sup> ) / 2910 minutes	2 / 214 minutes
Unplanned Outages (# / Total Time in minutes)	5 / 437	0 / 0 minutes
Availability <sup>9</sup>	99.99%	100.00%

**Highlights:**

- The January 2011 winter base case and flowgate set was uploaded in the IDC on Tuesday, January 4, 2011, which took approximately three (3) minutes to accomplish.

The February 2011 winter base case and flowgate set was uploaded in the IDC on Tuesday, February 1, 2011. This resulted in an extended outage due to an issue with the phase shifter definition changes provided in the Book of Flowgates. This outage took a total of three (3) hours and thirty-one (31) minutes, and is categorized as a Planned Outage.

- OATI staff participated in the IDC Working Group meetings on January 19 - 20, 2011 in Redwood City, CA.

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<sup>8</sup> Includes 5 planned outages (on September 29, 2005, June 1, 2006, April 8, 2008, April 22, and May 1, 2008) and 78 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, and February 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.