

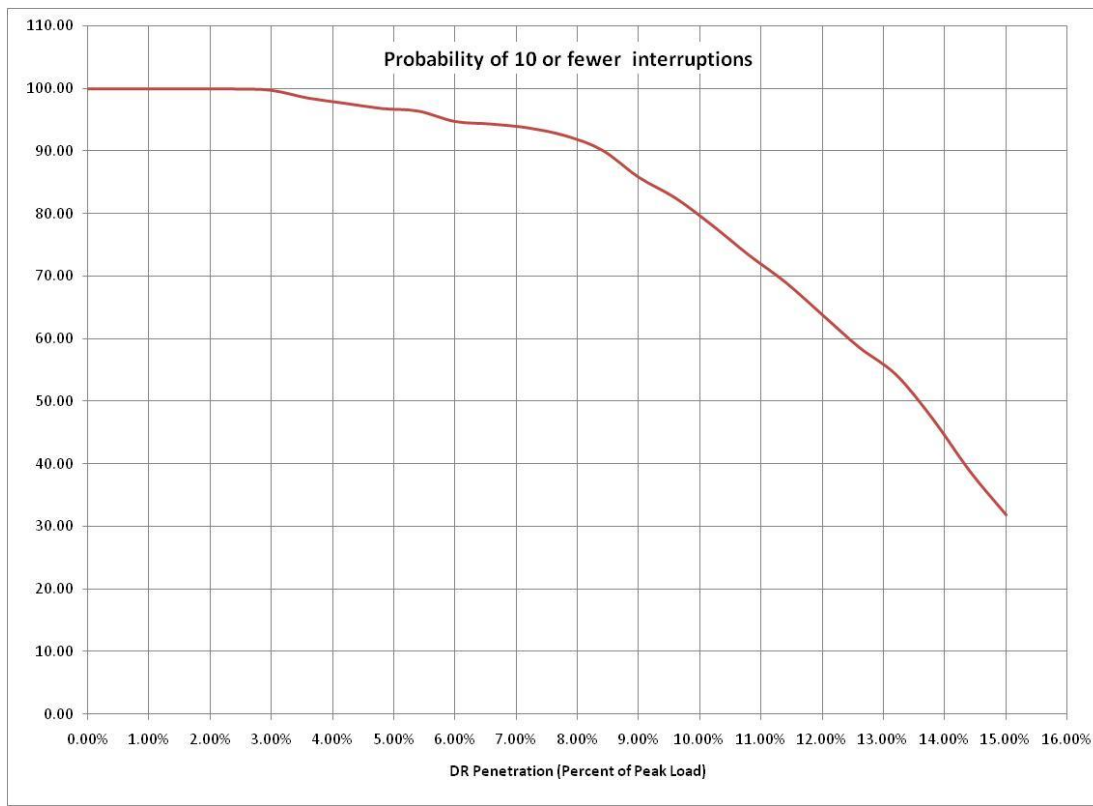
# DR RELIABILITY TARGET ANALYSIS RESULTS FOR 2013/2014 DELIVERY YEAR

These analysis results are based on input data from the 2010 PJM Load Forecast Report, the 2009 PJM Installed Reserve Margin Study and 2013/2014 CETO/CETL Cases.

## I LIMITED (10x6) DR PRODUCT

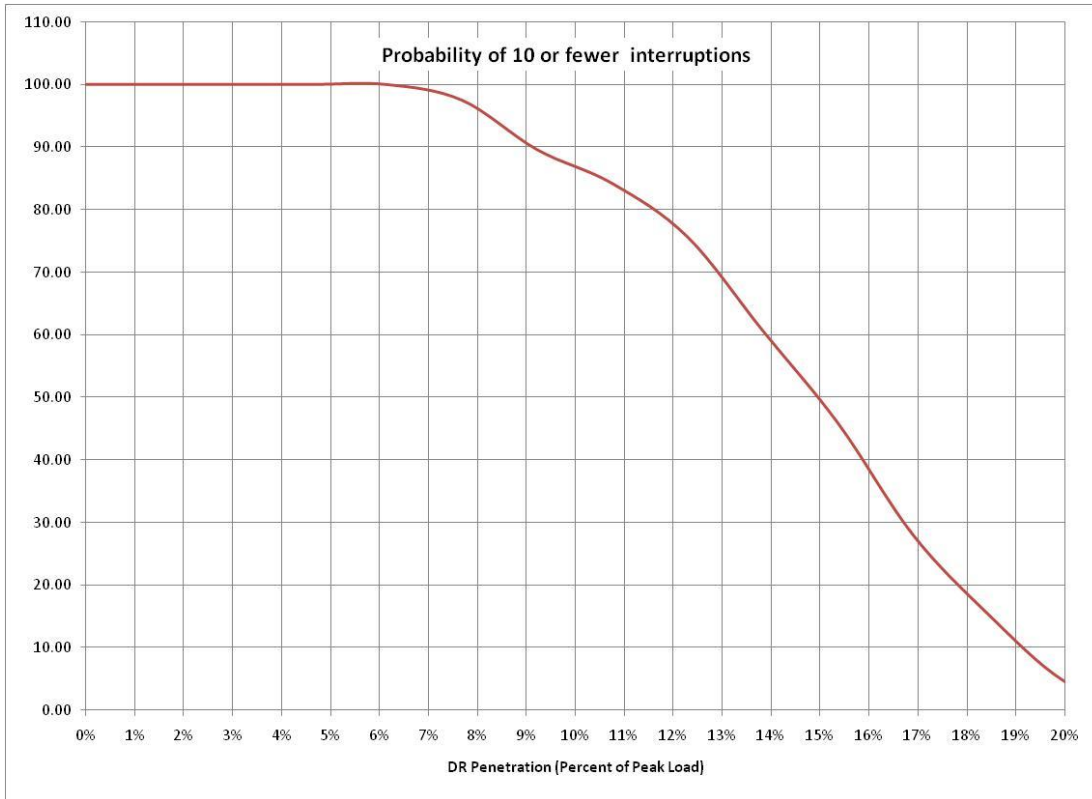
### TEN INTERRUPTION ANALYSIS

#### PJM RTO

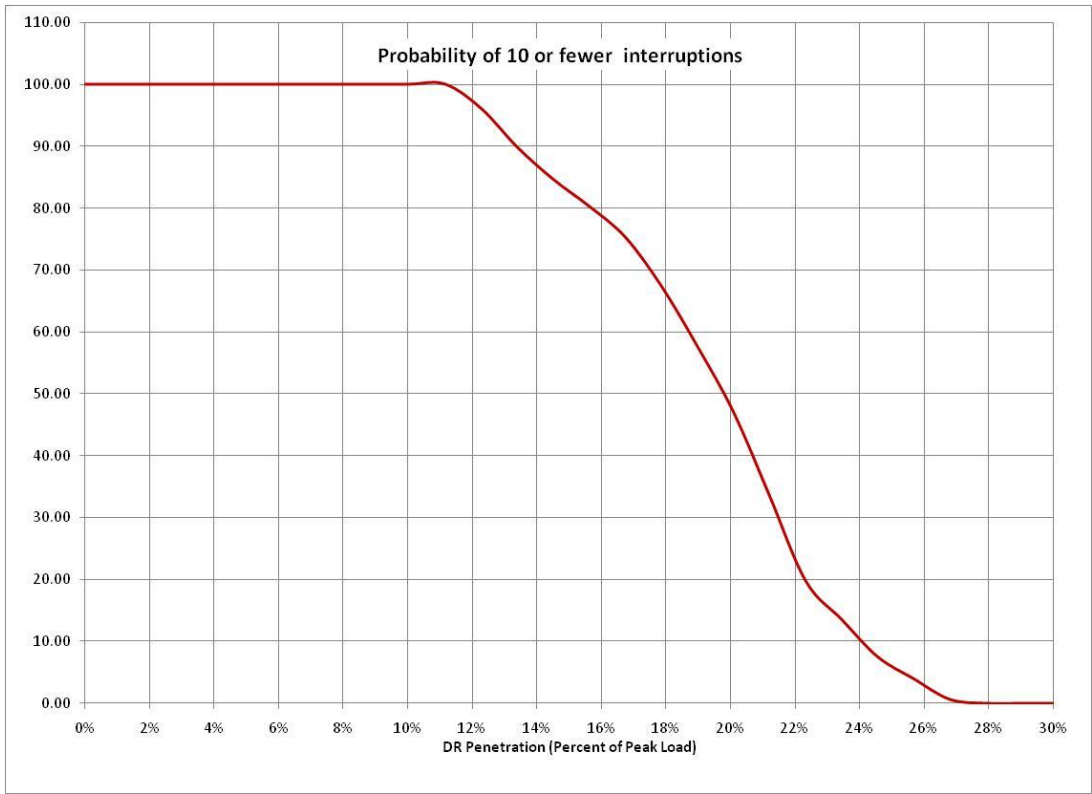


Based on a 90% threshold, the DR Reliability Target for the RTO is 8.5% of the forecasted unrestricted peak load.

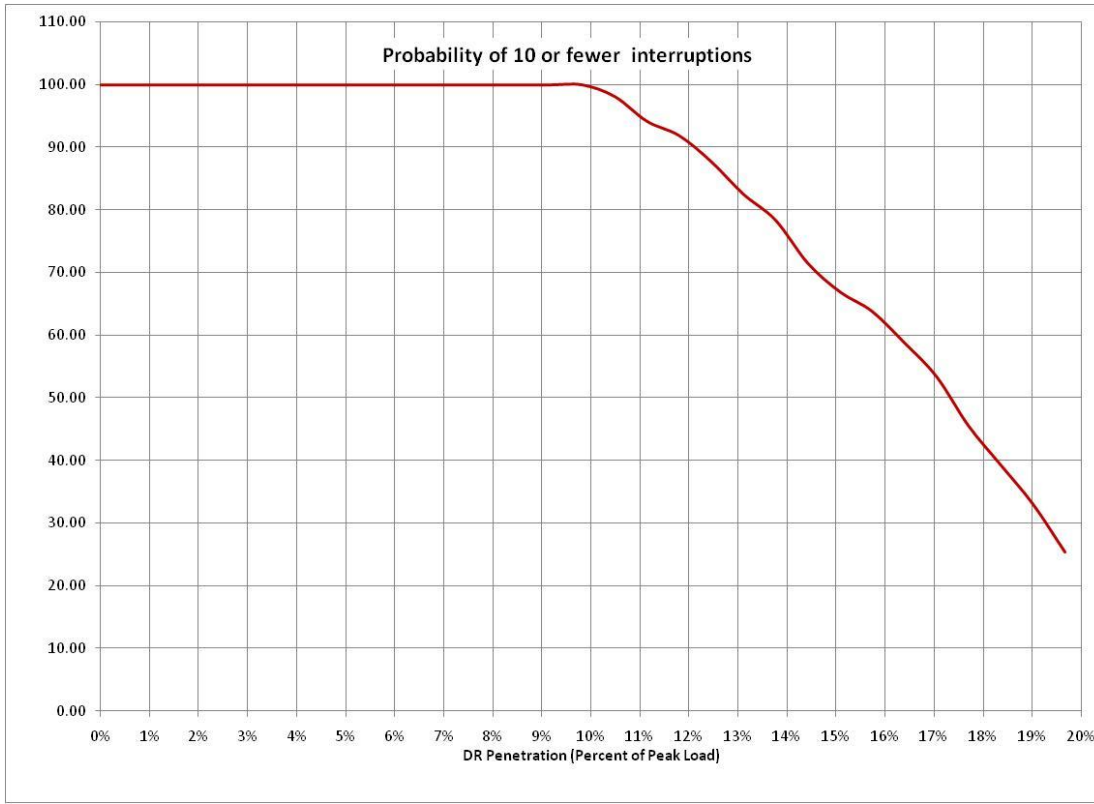
## MAAC



## EASTERN MAAC



## SOUTHWEST MAAC



The DR penetration levels on the graphs above are expressed as a percentage of the LDA’s non-coincident peak load (NCP). These values are converted to a percentage of each LDA’s PJM coincident peak load (CP) in the table below.

### LDA ANALYSIS RESULTS

<b>10 or fewer interruptions</b>					
<b>LDA</b>	<b>DR limit (% of NCP)</b>	<b>NCP Load (MW)</b>	<b>DR Limit (MW)</b>	<b>CP load (MW)</b>	<b>DR Limit (% of CP)</b>
PJMMA	9.0%	64593	5813	62608	<b>9.3%</b>
EPJMMA	13.5%	35444	4785	34273	<b>14.0%</b>
SPJMMA	12.0%	15244	1829	14715	<b>12.4%</b>

**SIX HOUR DURATION ANALYSIS**

**PJM RTO**

<b>DR CAP FOR SELECTED LOAD DAYS</b>			
<b>2005-2009</b>			
<u>Date</u>		<u>Load Percentile</u>	<u>Cap for 6 Hour Duration</u>
7/26/2005	Annual Peak	55/45	4.8%
8/3/2005		55/45	5.3%
7/17/2006		70/30	4.5%
7/31/2006		65/35	4.5%
8/1/2006		95/5	5.0%
8/2/2006	Annual Peak	95/5	5.0%
8/3/2006		60/40	3.6%
8/8/2007	Annual Peak	70/30	5.1%
6/9/2008	Annual Peak	20/80	3.8%
8/10/2009	Annual Peak	20/80	5.6%
<b>Average excl 2008,2009</b>			<b>4.7%</b>

**MAAC**

<b>DR CAP FOR SELECTED LOAD DAYS</b>				
<b>2005-2009</b>				
<u>Date</u>	<u>Annual Peak</u>	<u>Load Management</u>	<u>Above 50/50</u>	<u>Cap for 6 Hour Duration</u>
7/27/2005	X	X	X	7.0%
8/4/2005		X		4.1%
7/17/2006			X	4.6%
7/18/2006			X	5.3%
8/1/2006			X	5.8%
8/2/2006	X	X	X	4.3%
8/3/2006		X	X	4.6%
8/8/2007	X	X	X	7.0%
6/10/2008	X			6.2%
8/10/2009	X			5.9%
<u>Values below exclude 2008 and 2009</u>				
Min				4.1%
Max				7.0%
<b>Average</b>				<b>5.3%</b>

## EASTERN MAAC

<b>DR CAP FOR SELECTED LOAD DAYS 2005 - 2009</b>				
<u>Date</u>	<u>Annual Peak</u>	<u>Load Management</u>	<u>Above 50/50</u>	<u>Cap for 6 Hour Duration</u>
7/27/2005	X	X	X	9.0%
8/4/2005		X		5.3%
7/17/2006			X	4.9%
7/18/2006			X	6.2%
8/1/2006			X	6.0%
8/2/2006		X	X	4.4%
8/3/2006	X	X	X	5.3%
8/8/2007	X	X	X	7.3%
6/10/2008	X		X	6.6%
8/10/2009	X			6.1%
<u>Values below exclude 2009</u>				
Min				4.4%
Max				9.0%
<b>Average</b>				<b>6.1%</b>

## SOUTHWEST MAAC

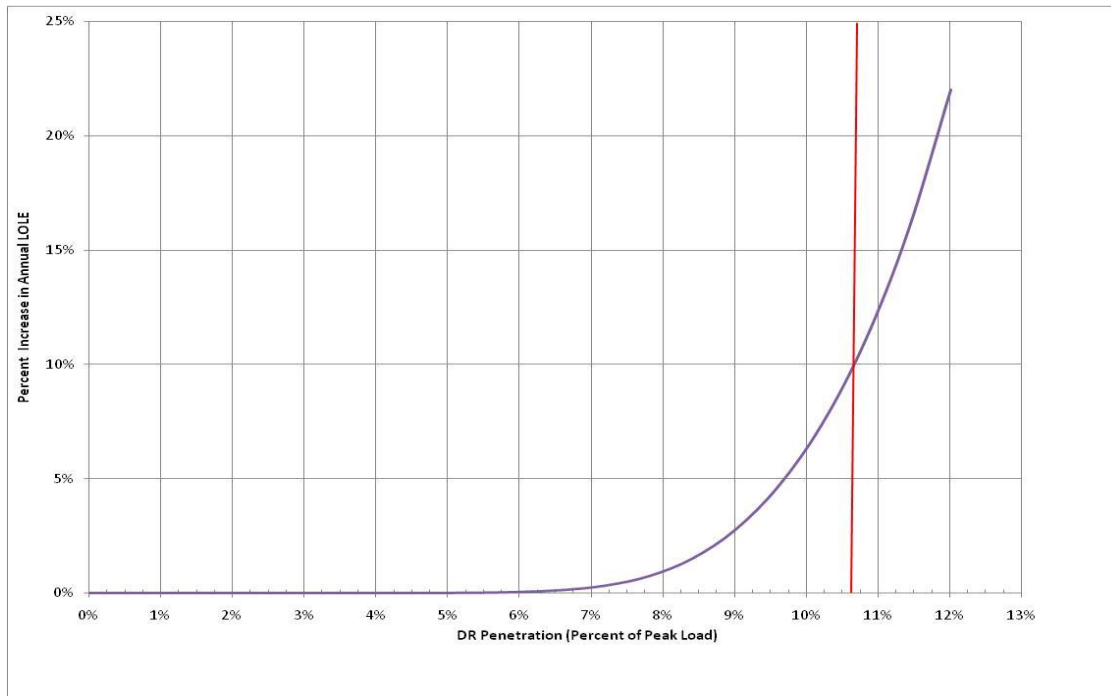
<b>DR CAP FOR SELECTED LOAD DAYS 2005 - 2009</b>				
<u>Date</u>	<u>Annual Peak</u>	<u>Load Management</u>	<u>Above 50/50</u>	<u>Cap for 6 Hour Duration</u>
7/26/2005			X	5.2%
7/27/2005	X	X	X	7.5%
8/4/2005		X		5.8%
8/12/2005			X	6.1%
8/1/2006			X	6.2%
8/2/2006		X	X	5.1%
8/3/2006	X	X	X	5.8%
8/8/2007	X	X	X	5.9%
6/10/2008	X			9.9%
8/10/2009	X			5.9%
<u>Values below exclude 2008 and 2009</u>				
Min				5.1%
Max				7.5%
<b>Average</b>				<b>6.0%</b>

The DR Targets in the tables above are expressed as a percentage of the LDA’s non-coincident peak load (NCP). These values are converted to a percentage of each LDA’s PJM coincident peak load (CP) in the table below.

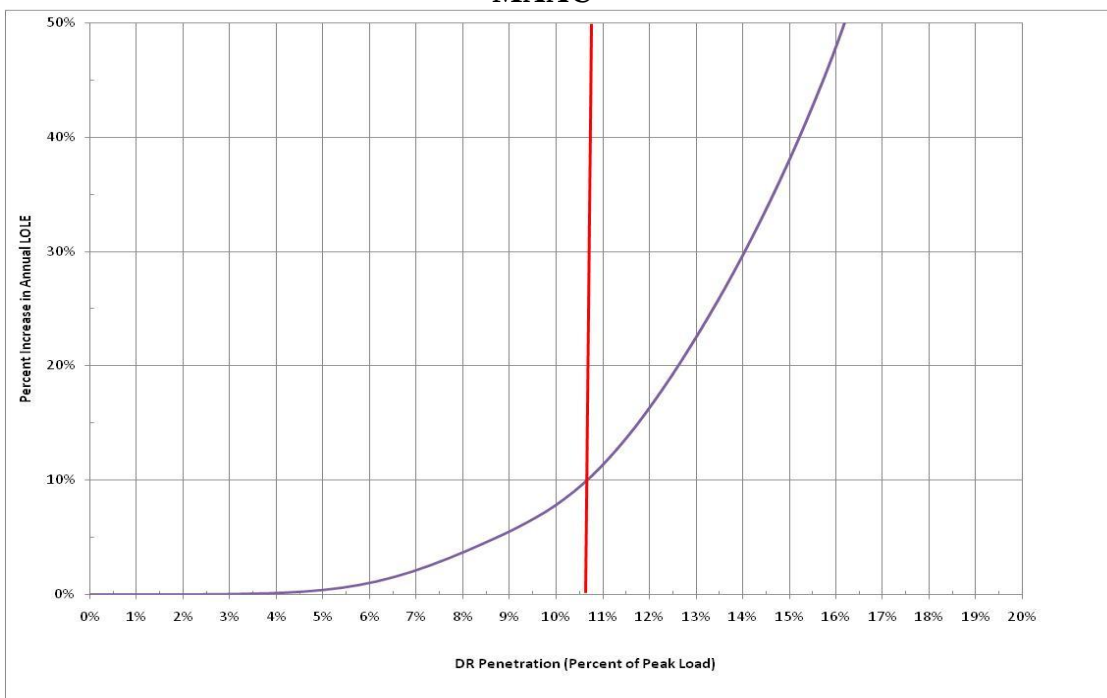
Six Hour Interruption Duration					
LDA	DR limit (% of NCP)	NCP Load	DR Limit (MW)	CP load (Table B-10)	DR Limit (% of CP)
MAAC	5.3%	64593	3423	62608	<b>5.5%</b>
EMAAC	6.1%	35444	2162	34273	<b>6.3%</b>
SPJMMA	6.0%	15244	915	14715	<b>6.2%</b>

## II EXTENDED SUMMER DR PRODUCT

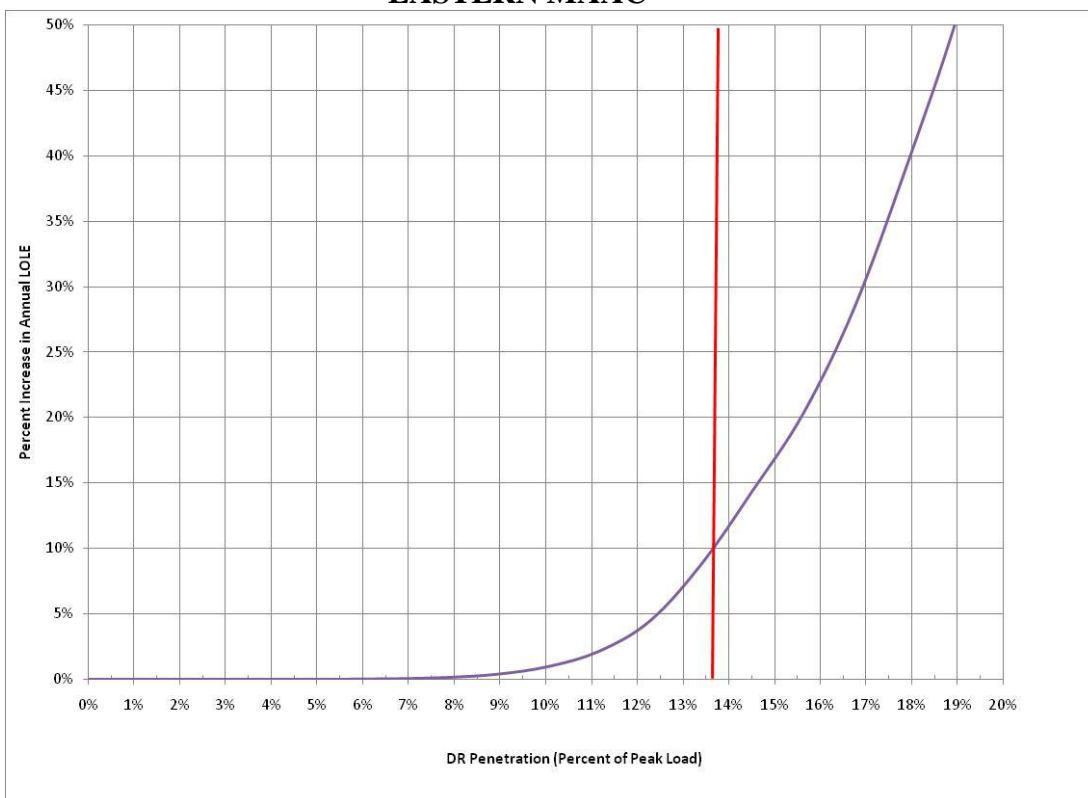
### PJM RTO



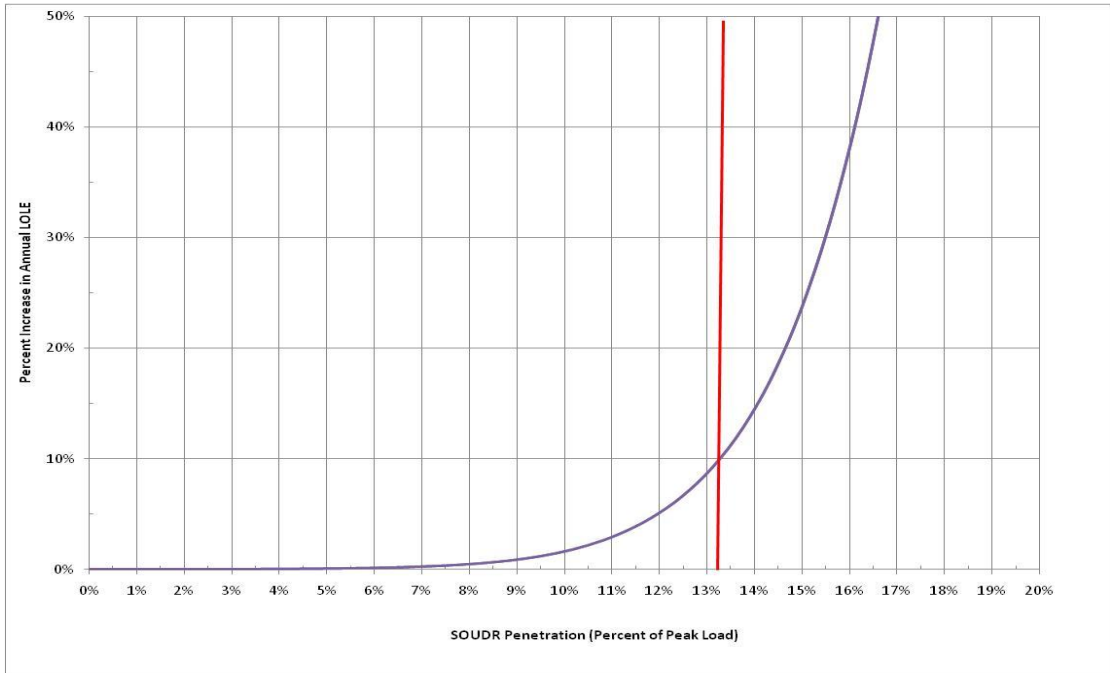
### MAAC



### EASTERN MAAC



## SOUTHWEST MAAC



The Extended Summer DR penetration levels on the graphs above are expressed as a percentage of the LDA’s non-coincident peak load (NCP). These values are converted to a percentage of each LDA’s PJM coincident peak load (CP) in the table below.

## EXTENDED SUMMER DR RESULTS

LDA	Summer DR (Interruptible from May-October for up to 10 Hours per Interruption)	
	Threshold as % NCP	Threshold as % CP
PJMRTO	10.6	<b>10.6</b>
MAAC	10.75	<b>11.1</b>
EMAAC	13.75	<b>14.2</b>
SWMAAC	13.25	<b>13.7</b>