

**POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE  
NEW DELHI**

**Date of Reporting: 7-Jan-16  
System Reliability Indices Report for: 6-Jan-16**

**Percentage (%) of times ATC was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	32	8.00	33.33
2	ER-NR	0	0.00	0.00
3	NEW-SR	19	4.75	19.79
4	ER-NER	47	11.75	48.96

**Percentage(%) of times (N-1) Criteria was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	5	1.25	5.21
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
4	ER-NER	38	9.50	39.58

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

## Voltage Profile for the day of 06-Jan-2016

Region	Station	%age of time Voltage below 728/380 kV	%age of time Voltage between 728/380 kV & 800/420 kV	%age of time Voltage above 800/420 kV	Voltage deviation index (%age of time voltage is outside IEGC band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	Agra	0.00%	100.00%	0.00%	0.00%	795	744	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	731	753
	Moga	0.00%	97.54%	2.46%	2.46%	805	755	779
	Phagi	0.00%	100.00%	0.00%	0.00%	786	739	761
WR	Aurangabad	0.00%	98.84%	1.16%	1.16%	802	768	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	799	770	783
	Gwalior	0.00%	99.93%	0.07%	0.07%	800	751	775
	Sholapur	0.00%	59.68%	39.16%	39.16%	813	778	796
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	765	780
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	774	785
	Raichur	0.00%	99.13%	0.87%	0.87%	801	773	788
	Thiruvalam	0.00%	52.92%	47.08%	47.08%	814	0	798
ER	Gaya	0.00%	100.00%	0.00%	0.00%	780	744	761
	Jharsuguda	0.00%	76.12%	23.88%	23.88%	810	779	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	771	778
NER	Balipara (400 kV)	0.00%	54.89%	45.11%	45.11%	431	393	418
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	387	406
	Silchar (400 kV)	0.00%	92.97%	7.03%	7.03%	423	399	414

Remarks: Unless otherwise specified, station may be treated as 765kV S/S.