

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

**Date of Reporting: 17-Jan-16  
System Reliability Indices Report for: 16-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	92	23.00	95.83
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
4	ER-NER	0	0.00	0.00

**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	69	17.25	71.88
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
4	ER-NER	0	0.00	0.00

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 16-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%	796	759	779
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	741	756
	Moga	0.00%	90.90%	9.10%	9.10%	806	777	790
	Phagi	0.00%	96.46%	3.54%	3.54%	807	731	776
WR	Aurangabad	0.00%	99.38%	0.63%	0.63%	803	749	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	768	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	759	780
	Sholapur	0.00%	59.86%	37.36%	37.36%	814	763	793
	Vadodara	0.00%	99.86%	0.14%	0.14%	801	760	779
SR	Nellore PS	0.00%	93.47%	6.53%	6.53%	805	779	791
	Raichur	0.00%	90.90%	9.10%	9.10%	807	768	791
	Thiruvalam	0.00%	55.76%	44.24%	44.24%	817	781	795
ER	Gaya	0.00%	100.00%	0.00%	0.00%	777	746	763
	Jharsuguda	0.00%	77.01%	22.99%	22.99%	806	781	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	775	779
NER	Balipara (400 kV)	0.00%	90.97%	9.03%	9.03%	431	392	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	386	401
	Silchar (400 kV)	0.00%	98.89%	1.11%	1.11%	422	399	410

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