

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

**Date of Reporting: 4-Feb-17  
System Reliability Indices Report for: 3-Feb-17**

**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	7	1.75	7.29
2	ER-NR	0	0.00	0.00
3	Import of NR	27	6.75	28.13
4	NEW-SR	0	0.00	0.00
5	NER Import	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	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
4	NER Import	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 03-Feb-2017

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%	790	745	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	736	763
	Moga	0.00%	97.22%	100.00%	100.00%	820	761	787
	Phagi	0.63%	99.38%	0.00%	0.63%	794	721	778
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	756	776
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	769	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	756	778
	Sholapur	0.00%	98.89%	1.11%	1.11%	801	742	785
	Vadodara	0.00%	100.00%	0.00%	0.00%	791	760	776
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	762	777
	Raichur	0.00%	100.00%	0.00%	0.00%	797	766	781
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	793	0	791
ER	Gaya	0.00%	100.00%	0.00%	0.00%	787	757	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	779	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	773	783
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	389	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	0	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	398	410

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