

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

**Date of Reporting: 5-Feb-16
System Reliability Indices Report for: 4-Feb-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	NEW-SR	3	0.75	3.13
4	ER-NER	0	0.00	0.00

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
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 04-Feb-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%	791	0	780
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	742	762
	Moga	0.00%	95.73%	4.27%	4.27%	806	768	785
	Phagi	0.00%	100.00%	0.00%	0.00%	787	747	766
WR	Aurangabad	0.00%	99.72%	0.28%	0.28%	806	748	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	760	768
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	753	774
	Sholapur	0.00%	78.96%	18.86%	18.86%	810	754	789
	Vadodara	0.00%	100.00%	0.00%	0.00%	790	754	775
SR	Nellore PS	0.00%	93.77%	6.23%	6.23%	806	771	787
	Raichur	0.00%	77.38%	22.62%	22.62%	809	766	791
	Thiruvallam	0.00%	72.30%	27.70%	27.70%	819	786	798
ER	Gaya	0.00%	100.00%	0.00%	0.00%	766	736	754
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	768	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	766	780
NER	Balipara (400 kV)	0.00%	71.60%	28.40%	28.40%	429	399	416
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	385	405
	Silchar (400 kV)	0.00%	75.53%	24.47%	24.47%	424	399	414

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