

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

**Date of Reporting: 20-Feb-16
System Reliability Indices Report for: 19-Feb-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	4	1.00	4.17
2	ER-NR	0	0.00	0.00
3	NEW-SR	5	1.25	5.21
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 19-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%	789	746	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	772	737	755
	Moga	0.00%	86.32%	13.68%	13.68%	808	760	784
	Phagi	0.00%	100.00%	0.00%	0.00%	781	740	763
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	755	777
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	0	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	749	772
	Sholapur	0.00%	96.25%	3.33%	3.33%	805	765	786
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	762	776
SR	Nellore PS	0.00%	99.31%	0.69%	0.69%	802	770	783
	Raichur	0.00%	93.89%	6.11%	6.11%	807	767	785
	Thiruvalam	0.00%	77.43%	22.57%	22.57%	811	780	792
ER	Gaya	0.00%	100.00%	0.00%	0.00%	764	739	752
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	764	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	770	782
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	386	400
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	390	405
	Silchar (400 kV)	0.00%	91.32%	8.68%	8.68%	421	402	413

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