

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

**Date of Reporting: 6-Feb-16
System Reliability Indices Report for: 5-Feb-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	8	2.00	8.33
2	ER-NR	0	0.00	0.00
3	NEW-SR	6	1.50	6.25
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 05-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%	0	0	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	743	759
	Moga	0.00%	98.82%	1.18%	1.18%	805	768	783
	Phagi	0.00%	100.00%	0.00%	0.00%	782	745	767
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	774	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	762	766
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	755	774
	Sholapur	0.00%	66.81%	22.36%	22.36%	810	768	792
	Vadodara	0.00%	100.00%	0.00%	0.00%	792	764	781
SR	Nellore PS	0.00%	99.31%	0.69%	0.69%	801	772	787
	Raichur	0.00%	79.65%	20.35%	20.35%	806	772	791
	Thiruvalam	0.00%	80.90%	19.10%	19.10%	804	789	796
ER	Gaya	0.00%	100.00%	0.00%	0.00%	764	741	755
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	772	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	769	782
NER	Balipara (400 kV)	0.00%	72.99%	27.01%	27.01%	429	399	415
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	391	404
	Silchar (400 kV)	0.00%	80.21%	19.79%	19.79%	424	402	413

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