

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

**Date of Reporting: 1-Mar-16
System Reliability Indices Report for: 29-Feb-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	22	5.50	22.92
2	ER-NR	0	0.00	0.00
3	NEW-SR	1	0.25	1.04
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	8	2.00	8.33
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 29-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%	790	755	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	740	755
	Moga	0.00%	100.00%	0.00%	0.00%	798	766	781
	Phagi	0.00%	100.00%	0.00%	0.00%	783	755	767
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	765	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	0	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	759	774
	Sholapur	0.00%	84.79%	13.68%	13.68%	812	772	791
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	767	780
SR	Nellore PS	0.00%	99.86%	0.14%	0.14%	802	775	787
	Raichur	0.00%	87.78%	12.22%	12.22%	812	770	792
	Thiruvalam	0.00%	67.43%	32.57%	32.57%	809	782	796
ER	Gaya	0.00%	100.00%	0.00%	0.00%	762	741	753
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	778	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	776	785
NER	Balipara (400 kV)	0.00%	99.31%	0.69%	0.69%	421	392	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	387	403
	Silchar (400 kV)	0.00%	97.85%	2.15%	2.15%	422	400	413

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