

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

**Date of Reporting: 1-May-15
System Reliability Indices Report for: 30-Apr-15**

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	16	4.00	16.67
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 30-Apr-2015

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	752	770
	Ballia	0.00%	100.00%	0.00%	0.00%	769	736	756
	Bhiwani	0.00%	99.12%	0.88%	0.88%	802	770	784
	Fatehpur	0.00%	100.00%	0.00%	0.00%	769	734	755
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	787	734	766
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	768	755	762
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	752	768
	Sholapur	0.00%	99.56%	0.35%	0.35%	804	749	779
SR	Raichur	0.00%	99.38%	0.00%	0.00%	800	764	783
	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	773	783
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	416	385	401
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	412	393	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	778	762	769
	Gaya	0.00%	100.00%	0.00%	0.00%	774	744	763
	Sasaram	0.00%	100.00%	0.00%	0.00%	765	731	754
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	412
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	393	400
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	392	404
	Misa (400 kV)	0.00%	97.62%	1.58%	1.58%	428	403	413

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