

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **28-Apr-15**
System Reliability Indices Report for: **27-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	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	1	0.25	1.04
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 27-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%	783	748	765
	Ballia	0.00%	100.00%	0.00%	0.00%	771	745	758
	Bhiwani	0.00%	100.00%	0.00%	0.00%	795	763	778
	Fatehpur	0.00%	100.00%	0.00%	0.00%	769	737	753
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	781	743	758
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	764	754	758
	Gwalior	0.00%	100.00%	0.00%	0.00%	780	748	762
	Sholapur	0.00%	99.79%	0.14%	0.14%	801	755	776
SR	Raichur	0.00%	100.00%	0.00%	0.00%	799	761	778
	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	771	783
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	411	383	396
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	404
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	778	763	769
	Gaya	0.00%	100.00%	0.00%	0.00%	771	743	757
	Sasaram	0.00%	100.00%	0.00%	0.00%	772	735	764
	Binaguri (400 kV)	0.00%	99.93%	0.07%	0.07%	420	403	413
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	385	399
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	404
	Misa (400 kV)	0.00%	53.19%	39.51%	39.51%	440	406	419

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