

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

**Date of Reporting: 5-Sep-15
System Reliability Indices Report for: 4-Sep-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	6	1.50	6.25
2	ER-NR	0	0.00	0.00
3	NEW-SR	22	5.50	22.92
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 04-Sep-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%	781	745	763
	Ballia	0.00%	100.00%	0.00%	0.00%	762	729	747
	Bhiwani	0.00%	100.00%	0.00%	0.00%	787	756	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	759	734	743
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	776	754	766
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	771	766	768
	Gwalior	0.00%	100.00%	0.00%	0.00%	784	750	768
	Sholapur	0.00%	100.00%	0.00%	0.00%	794	758	778
SR	Raichur	0.00%	100.00%	0.00%	0.00%	795	765	778
	Nellore PS	0.00%	89.79%	0.00%	0.00%	800	787	794
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	404
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	406
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	768	768	768
	Gaya	0.00%	100.00%	0.00%	0.00%	767	740	755
	Sasaram	0.00%	100.00%	0.00%	0.00%	779	748	763
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	406
NER	Balipara (400 kV)	0.00%	94.17%	1.11%	1.11%	426	412	416
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	398	403
	Misa (400 kV)	0.00%	99.17%	0.35%	0.35%	423	410	415

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