

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

**Date of Reporting: 3-Sep-15
System Reliability Indices Report for: 2-Sep-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
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 02-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%	782	752	765
	Ballia	0.00%	100.00%	0.00%	0.00%	770	742	754
	Bhiwani	0.00%	100.00%	0.00%	0.00%	783	756	769
	Fatehpur	0.00%	100.00%	0.00%	0.00%	767	740	751
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	778	745	761
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	752	752	752
	Gwalior	0.00%	100.00%	0.00%	0.00%	785	758	770
	Sholapur	0.00%	94.44%	1.18%	1.18%	803	764	788
SR	Raichur	0.00%	100.00%	0.00%	0.00%	800	765	781
	Nellore PS	0.00%	73.82%	0.00%	0.00%	800	791	796
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	403
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	404
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	767	770
	Gaya	0.00%	100.00%	0.00%	0.00%	773	747	759
	Sasaram	0.00%	100.00%	0.00%	0.00%	781	756	767
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	417	0	411
NER	Balipara (400 kV)	0.00%	58.06%	36.67%	36.67%	428	411	419
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	400	408
	Misa (400 kV)	0.00%	62.36%	29.31%	29.31%	426	410	418

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