

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

**Date of Reporting: 13-Sep-15
System Reliability Indices Report for: 12-Sep-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	62	15.50	64.58
2	ER-NR	0	0.00	0.00
3	NEW-SR	3	0.75	3.13
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	26	6.50	27.08
2	ER-NR	0	0.00	0.00
3	NEW-SR	3	0.75	3.13
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 12-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%	786	753	768
	Ballia	0.00%	100.00%	0.00%	0.00%	776	749	763
	Bhiwani	0.00%	100.00%	0.00%	0.00%	786	756	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	770	742	757
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	761	777
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	774	761	770
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	758	775
	Sholapur	0.00%	91.46%	2.99%	2.99%	804	764	787
SR	Raichur	0.00%	100.00%	0.00%	0.00%	799	776	789
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	787	791
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	409	385	399
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	409	387	399
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	763	771
	Gaya	0.00%	100.00%	0.00%	0.00%	777	753	765
	Sasaram	0.00%	100.00%	0.00%	0.00%	780	755	767
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	409	400	405
NER	Balipara (400 kV)	0.00%	99.17%	0.21%	0.21%	421	406	414
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	395	402
	Misa (400 kV)	0.00%	99.31%	0.00%	0.00%	420	406	413

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