

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

**Date of Reporting: 6-Sep-15
System Reliability Indices Report for: 5-Sep-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	12	3.00	12.50
2	ER-NR	0	0.00	0.00
3	NEW-SR	36	9.00	37.50
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	3	0.75	3.13
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 05-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%	788	751	765
	Ballia	0.00%	100.00%	0.00%	0.00%	774	731	750
	Bhiwani	0.00%	100.00%	0.00%	0.00%	791	760	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	737	751
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	745	765
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	767	756	765
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	755	768
	Sholapur	0.00%	100.00%	0.00%	0.00%	796	755	779
SR	Raichur	0.00%	100.00%	0.00%	0.00%	782	765	777
	Nellore PS	0.00%	82.71%	0.00%	0.00%	800	781	790
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	406
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	406
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	768	768	768
	Gaya	0.00%	100.00%	0.00%	0.00%	775	742	756
	Sasaram	0.00%	100.00%	0.00%	0.00%	782	751	765
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	407
NER	Balipara (400 kV)	0.00%	94.86%	2.43%	2.43%	426	412	416
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	399	403
	Misa (400 kV)	0.00%	97.57%	1.39%	1.39%	423	410	414

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