

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

**Date of Reporting: 8-Sep-15  
System Reliability Indices Report for: 7-Sep-15**

**Percentage (%) of times ATC was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	47	11.75	48.96
2	ER-NR	0	0.00	0.00
3	NEW-SR	17	4.25	17.71
4	ER-NER	0	0.00	0.00

**Percentage(%) of times (N-1) Criteria was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	4	1.00	4.17
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 07-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%	783	749	765
	Ballia	0.00%	100.00%	0.00%	0.00%	771	735	753
	Bhiwani	0.00%	100.00%	0.00%	0.00%	787	760	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	770	739	753
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	782	752	768
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	764	752	761
	Gwalior	0.00%	100.00%	0.00%	0.00%	785	752	767
	Sholapur	0.00%	96.11%	0.83%	0.83%	803	764	786
SR	Raichur	0.00%	100.00%	0.00%	0.00%	796	765	781
	Nellore PS	0.00%	98.75%	0.00%	0.00%	800	783	792
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	418	0	407
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	408
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	769	758	766
	Gaya	0.00%	100.00%	0.00%	0.00%	774	741	759
	Sasaram	0.00%	100.00%	0.00%	0.00%	777	747	762
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	407
NER	Balipara (400 kV)	0.00%	97.43%	0.42%	0.42%	421	411	416
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	398	403
	Misa (400 kV)	0.00%	99.65%	0.00%	0.00%	420	409	414

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