

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

**Date of Reporting: 8-Oct-15  
System Reliability Indices Report for: 7-Oct-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	26	6.50	27.08
2	ER-NR	0	0.00	0.00
3	NEW-SR	19	4.75	19.79
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	6	1.50	6.25
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-Oct-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%	784	747	763
	Ballia	0.00%	100.00%	0.00%	0.00%	773	742	754
	Bhiwani	0.00%	100.00%	0.00%	0.00%	793	760	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	740	755
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	762	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	773	752	761
	Gwalior	0.00%	100.00%	0.00%	0.00%	782	747	763
	Sholapur	0.00%	73.89%	22.15%	22.15%	815	772	792
SR	Raichur	0.00%	83.44%	16.56%	16.56%	806	-107	789
	Nellore PS	0.00%	74.40%	25.60%	25.60%	805	0	793
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	419	390	404
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	416	393	404
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	763	746	754
	Gaya	0.00%	100.00%	0.00%	0.00%	780	751	762
	Sasaram	0.00%	100.00%	0.00%	0.00%	789	759	772
	Binaguri (400 kV)	0.00%	97.57%	2.43%	2.43%	422	407	413
NER	Balipara (400 kV)	0.00%	88.19%	4.17%	4.17%	423	403	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	406
	Misa (400 kV)	0.00%	86.94%	4.44%	4.44%	423	396	412

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