

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

**Date of Reporting: 7-Oct-15  
System Reliability Indices Report for: 6-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	22	5.50	22.92
2	ER-NR	0	0.00	0.00
3	NEW-SR	14	3.50	14.58
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	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 06-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	766
	Ballia	0.00%	100.00%	0.00%	0.00%	769	746	756
	Bhiwani	0.00%	100.00%	0.00%	0.00%	794	762	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	767	742	759
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	761	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	772	755	763
	Gwalior	0.00%	100.00%	0.00%	0.00%	782	749	766
	Sholapur	0.00%	66.81%	31.04%	31.04%	818	769	795
SR	Raichur	0.00%	80.22%	19.78%	19.78%	808	0	791
	Nellore PS	0.00%	79.51%	20.49%	20.49%	805	783	792
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	418	388	402
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	414	392	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	764	742	754
	Gaya	0.00%	100.00%	0.00%	0.00%	778	753	764
	Sasaram	0.00%	100.00%	0.00%	0.00%	781	759	770
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	420	407	413
NER	Balipara (400 kV)	0.00%	83.19%	3.26%	3.26%	424	405	414
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	408
	Misa (400 kV)	0.00%	84.38%	3.68%	3.68%	422	404	414

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