

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

**System Reliability Indices Report for the week from  
19-Oct-2015 to 25-Oct-2015**

Date: 29-Oct-2015

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	Import of NR	338	84.50	50.30
4	NEW-SR	0	0.00	0.00
5	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	0	0.00	0.00
2	ER-NR	1	0.25	0.15
3	Import of NR	0	0.00	0.00
4	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 week from 19-Oct-2015 to 25-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%	797	754	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	744	764
	Moga	0.00%	96.27%	3.73%	3.73%	807	765	787
	Phagi	0.00%	100.00%	0.00%	0.00%	792	750	770
WR	Aurangabad	0.00%	99.76%	0.00%	0.00%	800	0	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	761	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	755	778
	Sholapur	0.00%	97.02%	1.92%	1.92%	807	753	783
	Vadodara	0.00%	100.00%	0.00%	0.00%	792	754	776
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	0	786
	Raichur	0.00%	100.00%	0.00%	0.00%	797	0	781
	Thiruvalam	0.00%	82.91%	17.09%	17.09%	804	0	795
ER	Gaya	0.00%	100.00%	0.00%	0.00%	786	748	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	774	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	778	756	766
NER	Balipara (400 kV)	0.00%	91.34%	8.66%	8.66%	425	395	415
	Bongaigaon (400 kV)	0.00%	98.84%	1.16%	1.16%	426	396	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	0	413

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