

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

Date of Reporting: **24-Aug-15**  
System Reliability Indices Report for: **23-Aug-15**

**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	NEW-SR	1	0.25	1.04
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	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 23-Aug-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%	99.31%	0.14%	0.14%	802	772	785
	Ballia	0.00%	100.00%	0.00%	0.00%	784	749	766
	Bhiwani	0.00%	100.00%	0.00%	0.00%	767	767	767
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	780	780
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	760	775
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	756	756	756
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	770	782
	Sholapur	0.00%	92.64%	7.36%	7.36%	807	764	785
SR	Raichur	0.00%	100.00%	0.00%	0.00%	786	786	786
	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	790	790
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	418	395	405
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	406	406	406
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	766	749	758
	Gaya	0.00%	100.00%	0.00%	0.00%	786	757	770
	Sasaram	0.00%	100.00%	0.00%	0.00%	774	746	759
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	407
NER	Balipara (400 kV)	0.00%	38.96%	31.53%	31.53%	425	415	420
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	406
	Misa (400 kV)	0.00%	95.07%	0.49%	0.49%	421	411	416

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