

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

**Date of Reporting: 25-Aug-15
System Reliability Indices Report for: 24-Aug-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	29	7.25	30.21
2	ER-NR	1	0.25	1.04
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	5	1.25	5.21
2	ER-NR	0	0.00	0.00
3	NEW-SR	1	0.25	1.04
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 24-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%	100.00%	0.00%	0.00%	796	757	776
	Ballia	0.00%	100.00%	0.00%	0.00%	775	739	756
	Bhiwani	0.00%	100.00%	0.00%	0.00%	789	766	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	742	765
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	786	748	772
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	756	756	756
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	758	774
	Sholapur	0.00%	98.96%	0.30%	0.30%	803	756	783
SR	Raichur	0.00%	100.00%	0.00%	0.00%	786	765	778
	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	0	790
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	419	391	402
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	405
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	761	746	754
	Gaya	0.00%	100.00%	0.00%	0.00%	777	748	763
	Sasaram	0.00%	100.00%	0.00%	0.00%	764	735	750
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	405
NER	Balipara (400 kV)	0.00%	82.55%	10.76%	10.76%	428	410	417
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	402
	Misa (400 kV)	0.00%	99.41%	0.59%	0.59%	422	406	413

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