

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **11-Aug-15**
System Reliability Indices Report for: **10-Aug-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	63	15.75	65.63
2	ER-NR	0	0.00	0.00
3	NEW-SR	44	11.00	45.83
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	33	8.25	34.38
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 10-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%	790	753	774
	Ballia	0.00%	100.00%	0.00%	0.00%	757	757	757
	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	763	781
	Fatehpur	0.00%	100.00%	0.00%	0.00%	772	741	759
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	739	765
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	762	758	759
	Gwalior	0.00%	100.00%	0.00%	0.00%	786	752	770
	Sholapur	0.00%	96.74%	1.32%	1.32%	803	757	784
SR	Raichur	0.00%	99.79%	0.00%	0.00%	800	767	785
	Nellore PS	0.00%	100.00%	0.00%	0.00%	765	765	765
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	417	386	400
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	392	402
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	762	748	755
	Gaya	0.00%	100.00%	0.00%	0.00%	777	754	765
	Sasaram	0.00%	100.00%	0.00%	0.00%	760	741	748
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	407
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	412	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	393	401
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	410

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