

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

**Date of Reporting: 14-Aug-15
System Reliability Indices Report for: 13-Aug-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	72	18.00	75.00
2	ER-NR	0	0.00	0.00
3	NEW-SR	9	2.25	9.38
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	50	12.50	52.08
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 13-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%	799	759	781
	Ballia	0.00%	100.00%	0.00%	0.00%	771	747	757
	Bhiwani	0.00%	100.00%	0.00%	0.00%	793	761	779
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	744	761
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	783	751	766
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	767	754	761
	Gwalior	0.00%	98.89%	1.11%	1.11%	802	761	784
	Sholapur	0.00%	82.95%	9.86%	9.86%	806	0	790
SR	Raichur	0.00%	95.00%	0.00%	0.00%	800	775	790
	Nellore PS	0.00%	100.00%	0.00%	0.00%	765	765	765
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	411	388	400
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	414	392	404
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	766	44	758
	Gaya	0.00%	100.00%	0.00%	0.00%	774	745	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	785	-86	750
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	413	403	408
NER	Balipara (400 kV)	0.00%	99.31%	0.00%	0.00%	420	411	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	397	406
	Misa (400 kV)	0.00%	84.03%	4.10%	4.10%	425	407	416

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