

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

**Date of Reporting: 6-Aug-15
System Reliability Indices Report for: 5-Aug-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	59	14.75	61.46
2	ER-NR	0	0.00	0.00
3	NEW-SR	13	3.25	13.54
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	20	5.00	20.83
2	ER-NR	0	0.00	0.00
3	NEW-SR	13	3.25	13.54
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 05-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%	789	755	773
	Ballia	0.00%	100.00%	0.00%	0.00%	757	757	757
	Bhiwani	0.00%	100.00%	0.00%	0.00%	790	760	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	770	740	756
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	787	755	768
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	767	758	762
	Gwalior	0.00%	100.00%	0.00%	0.00%	787	755	772
	Sholapur	0.00%	85.49%	12.22%	12.22%	804	767	790
SR	Raichur	0.00%	97.36%	0.00%	0.00%	800	776	789
	Nellore PS	0.00%	82.22%	0.00%	0.00%	800	50	792
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	411	386	398
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	402
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	768	751	760
	Gaya	0.00%	100.00%	0.00%	0.00%	773	745	761
	Sasaram	0.00%	100.00%	0.00%	0.00%	761	736	749
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	407
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	411	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	398	404
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	412

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