

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

**Date of Reporting: 3-Aug-15
System Reliability Indices Report for: 2-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	5	1.25	5.21
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 02-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	763	782
	Ballia	0.00%	100.00%	0.00%	0.00%	757	757	757
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	775	786
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	747	769
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	782	745	763
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	770	758	762
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	765	778
	Sholapur	0.00%	91.80%	7.50%	7.50%	808	767	788
SR	Raichur	0.00%	96.22%	0.00%	0.00%	800	770	790
	Nellore PS	0.00%	69.73%	0.00%	0.00%	800	50	796
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	414	389	404
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	412	388	405
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	769	756	761
	Gaya	0.00%	100.00%	0.00%	0.00%	786	756	773
	Sasaram	0.00%	100.00%	0.00%	0.00%	781	781	781
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	413	404	409
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%	409	400	405
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	407	411

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