

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

**Date of Reporting: 20-Jul-15
System Reliability Indices Report for: 19-Jul-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	17	4.25	17.71
2	ER-NR	0	0.00	0.00
3	NEW-SR	11	2.75	11.46
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	10	2.50	10.42
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 19-Jul-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%	781	781	781
	Ballia	0.00%	100.00%	0.00%	0.00%	775	744	761
	Bhiwani	0.00%	100.00%	0.00%	0.00%	800	764	787
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	741	765
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	783	751	765
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	769	758	765
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	752	777
	Sholapur	0.00%	96.88%	2.29%	2.29%	804	766	787
SR	Raichur	0.00%	100.00%	0.00%	0.00%	791	780	791
	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	50	786
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	418	393	406
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	407
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	766	750	759
	Gaya	0.00%	100.00%	0.00%	0.00%	786	751	773
	Sasaram	0.00%	100.00%	0.00%	0.00%	746	746	746
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	409
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	398	404
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	406	411

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