

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

**Date of Reporting: 17-Jul-15
System Reliability Indices Report for: 16-Jul-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	42	10.50	43.75
2	ER-NR	0	0.00	0.00
3	NEW-SR	16	4.00	16.67
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	4	1.00	4.17
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 16-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%	783	744	764
	Ballia	0.00%	100.00%	0.00%	0.00%	770	751	767
	Bhiwani	0.00%	100.00%	0.00%	0.00%	789	742	767
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	734	752
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	782	782	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	764	749	759
	Gwalior	0.00%	100.00%	0.00%	0.00%	781	748	765
	Sholapur	0.00%	100.00%	0.00%	0.00%	798	755	779
SR	Raichur	0.00%	100.00%	0.00%	0.00%	792	765	780
	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	50	782
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	409	383	396
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	411	391	401
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	762	743	753
	Gaya	0.00%	100.00%	0.00%	0.00%	783	752	766
	Sasaram	0.00%	100.00%	0.00%	0.00%	746	746	746
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	409
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	399	405
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	410

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