

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

**Date of Reporting: 27-Jul-15
System Reliability Indices Report for: 26-Jul-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	15	3.75	15.63
2	ER-NR	0	0.00	0.00
3	NEW-SR	19	4.75	19.79
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	1	0.25	1.04
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 26-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%	99.93%	0.00%	0.00%	800	744	781
	Ballia	0.00%	100.00%	0.00%	0.00%	781	746	764
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	763	785
	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	756	778
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	785	758	773
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	770	757	765
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	757	778
	Sholapur	0.00%	94.10%	1.39%	1.39%	803	770	787
SR	Raichur	0.00%	100.00%	0.00%	0.00%	799	774	786
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	50	792
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	418	398	409
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	410
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	760	760	760
	Gaya	0.00%	100.00%	0.00%	0.00%	771	771	771
	Sasaram	0.00%	100.00%	0.00%	0.00%	779	773	777
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	409
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	404
	Misa (400 kV)	0.00%	99.86%	0.00%	0.00%	420	402	411

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