

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

**Date of Reporting: 8-Jul-15
System Reliability Indices Report for: 7-Jul-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	2	0.50	2.08
2	ER-NR	0	0.00	0.00
3	NEW-SR	53	13.25	55.21
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 07-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%	787	754	770
	Ballia	0.00%	100.00%	0.00%	0.00%	750	750	750
	Bhiwani	0.00%	89.51%	10.49%	10.49%	801	770	786
	Fatehpur	0.00%	100.00%	0.00%	0.00%	772	739	754
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	732	764
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	762	770
	Gwalior	0.00%	100.00%	0.00%	0.00%	781	754	766
	Sholapur	0.00%	99.31%	0.42%	0.42%	803	752	779
SR	Raichur	0.00%	100.00%	0.00%	0.00%	795	758	778
	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	768	781
	Somanhalli (400 kV)	0.28%	99.72%	0.00%	0.28%	407	380	395
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	411	383	399
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	778	0	770
	Gaya	0.00%	100.00%	0.00%	0.00%	765	737	750
	Sasaram	0.00%	100.00%	0.00%	0.00%	746	746	746
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	414	403	408
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	396	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	395	402
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	407

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