

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

Date of Reporting: **9-Jul-15**  
System Reliability Indices Report for: **8-Jul-15**

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	14	3.50	14.58
2	ER-NR	0	0.00	0.00
3	NEW-SR	30	7.50	31.25
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 08-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%	784	751	769
	Ballia	0.00%	100.00%	0.00%	0.00%	750	750	750
	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	768	782
	Fatehpur	0.00%	100.00%	0.00%	0.00%	770	737	752
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	785	737	768
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	762	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	780	753	767
	Sholapur	0.00%	100.00%	0.00%	0.00%	797	756	779
SR	Raichur	0.00%	100.00%	0.00%	0.00%	794	760	778
	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	771	780
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	406	380	394
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	409	384	397
ER	Ranchi	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
	Gaya	0.14%	99.86%	0.00%	0.14%	773	727	755
	Sasaram	0.00%	100.00%	0.00%	0.00%	746	746	746
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	406
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	393	401
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	400	407

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