

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

**System Reliability Indices Report for the week from  
31-Jul-2017 to 06-Aug-2017**

Date: 11-Aug-2017

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	8	2.00	1.19
2	ER-NR	0	0.00	0.00
3	Import of NR	48	12.00	7.14
4	NEW-SR	25	6.25	3.72
5	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	Import of NR	2	0.50	0.30
4	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 week from 31-Jul-2017 to 06-Aug-2017

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%	795	747	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	734	761
	Moga	0.00%	100.00%	0.00%	0.00%	794	756	774
	Phagi	0.00%	100.00%	0.00%	0.00%	798	759	781
WR	Aurangabad	0.00%	99.72%	0.28%	0.28%	803	760	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	772	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	755	778
	Sholapur	0.00%	98.45%	1.55%	1.55%	809	781	787
	Vadodara	0.00%	100.00%	0.00%	0.00%	799	776	783
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	768	782
	Raichur	0.00%	99.81%	0.19%	0.19%	804	766	785
	Thiruvalam	0.00%	77.30%	22.70%	22.70%	813	416	794
ER	Gaya	0.00%	100.00%	0.00%	0.00%	797	756	772
	Jharsuguda	0.00%	92.04%	7.96%	7.96%	806	773	796
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	769	785
NER	Balipara (400 kV)	0.16%	99.69%	0.15%	0.31%	421	147	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	388	399
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	408

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