

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

**System Reliability Indices Report for the week from  
07-Aug-2017 to 13-Aug-2017**

Date: 17-Aug-2017

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	3	0.75	0.45
2	ER-NR	0	0.00	0.00
3	Import of NR	22	5.50	3.27
4	NEW-SR	35	8.75	5.21
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	8	2.00	1.19
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 07-Aug-2017 to 13-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%	798	749	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	798	735	761
	Moga	0.00%	100.00%	0.00%	0.00%	789	756	770
	Phagi	0.00%	100.00%	0.00%	0.00%	797	758	777
WR	Aurangabad	0.00%	99.55%	0.45%	0.45%	802	761	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	770	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	754	778
	Sholapur	0.00%	98.68%	1.32%	1.32%	806	781	786
	Vadodara	0.00%	100.00%	0.00%	0.00%	799	776	781
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	766	783
	Raichur	0.00%	99.94%	0.06%	0.06%	801	765	784
	Thiruvalam	0.00%	71.92%	28.08%	28.08%	812	777	795
ER	Gaya	0.00%	100.00%	0.00%	0.00%	791	756	772
	Jharsuguda	0.00%	95.12%	4.88%	4.88%	804	773	795
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	775	784
NER	Balipara (400 kV)	0.00%	84.14%	1.57%	1.57%	427	396	350
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	386	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	409

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