

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

**System Reliability Indices Report for the week from  
05-Jun-2017 to 11-Jun-2017**

Date: 16-Jun-2017

**Percentage (%) of times ATC 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	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
5	ER-NER	19	4.75	2.83

**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	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
4	ER-NER	18	4.50	2.68

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 05-Jun-2017 to 11-Jun-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%	99.98%	0.00%	0.00%	800	747	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	800	736	761
	Moga	0.00%	100.00%	42.86%	42.86%	800	750	772
	Phagi	0.00%	100.00%	0.00%	0.00%	796	742	773
WR	Aurangabad	0.00%	98.67%	1.33%	1.33%	804	758	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	684	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	750	770
	Sholapur	0.00%	82.33%	17.67%	17.67%	812	752	793
	Vadodara	0.00%	100.00%	0.00%	0.00%	797	743	772
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	764	783
	Raichur	0.00%	86.68%	13.32%	13.32%	809	766	791
	Thiruvalam	0.00%	68.56%	31.44%	31.44%	812	771	796
ER	Gaya	0.00%	100.00%	0.00%	0.00%	797	747	769
	Jharsuguda	0.00%	99.91%	0.09%	0.09%	800	773	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	769	782
NER	Balipara (400 kV)	0.00%	99.90%	0.10%	0.10%	423	393	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	386	400
	Silchar (400 kV)	0.00%	99.89%	0.11%	0.11%	425	0	409

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