

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **24-May-17**
System Reliability Indices Report for: **23-May-17**

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	NER Import	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	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
4	NER Import	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 23-May-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%	788	758	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	743	759
	Moga	0.00%	100.00%	0.00%	0.00%	787	764	775
	Phagi	0.00%	100.00%	0.00%	0.00%	787	763	774
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	765	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	779	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	763	777
	Sholapur	0.00%	99.24%	0.76%	0.76%	804	766	786
	Vadodara	0.00%	100.00%	0.00%	0.00%	785	749	771
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	786	765	775
	Raichur	0.00%	100.00%	0.00%	0.00%	797	768	784
	Thiruvalam	0.00%	96.67%	3.33%	3.33%	800	770	785
ER	Gaya	0.00%	100.00%	0.00%	0.00%	790	763	775
	Jharsuguda	0.00%	92.92%	7.08%	7.08%	809	789	796
	Ranchi	0.00%	99.93%	0.07%	0.07%	800	779	788
NER	Balipara (400 kV)	0.00%	93.26%	6.74%	6.74%	423	402	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	393	407

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