

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **20-May-17**
System Reliability Indices Report for: **19-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 19-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%	794	758	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	740	759
	Moga	0.00%	100.00%	101.32%	0.00%	786	760	773
	Phagi	0.00%	98.68%	1.32%	1.32%	801	768	779
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	763	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	779	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	763	776
	Sholapur	0.00%	92.98%	7.02%	7.02%	803	692	786
	Vadodara	0.00%	100.00%	0.00%	0.00%	781	755	769
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	762	778
	Raichur	0.00%	97.50%	2.50%	2.50%	802	766	784
	Thiruvalam	0.00%	82.57%	17.43%	17.43%	806	763	785
ER	Gaya	0.00%	100.00%	0.00%	0.00%	782	756	763
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	773	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	767	773
NER	Balipara (400 kV)	0.00%	97.85%	2.15%	2.15%	429	394	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	396	405
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	407

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