

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **23-Apr-17**
System Reliability Indices Report for: **22-Apr-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 22-Apr-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%	99.93%	0.00%	0.00%	800	752	776
	Fatehpur	0.00%	100.00%	0.00%	0.00%	800	738	762
	Moga	0.00%	100.00%	0.00%	0.00%	799	766	783
	Phagi	0.00%	100.00%	0.00%	0.00%	796	757	780
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	759	777
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	766	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	800	751	778
	Sholapur	0.00%	99.03%	0.97%	0.97%	803	766	784
	Vadodara	0.00%	100.00%	0.00%	0.00%	787	758	772
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	780	765	772
	Raichur	0.00%	100.00%	0.00%	0.00%	792	769	782
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	790	774	783
ER	Gaya	0.00%	100.00%	0.00%	0.00%	790	745	768
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	778	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	769	784
NER	Balipara (400 kV)	0.00%	99.44%	0.56%	0.56%	423	391	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	390	403
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	408

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