

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

Date of Reporting: **27-Apr-17**
System Reliability Indices Report for: **26-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	9	2.25	9.38
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 26-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%	100.00%	0.00%	0.00%	791	754	778
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	752	773
	Moga	0.00%	100.00%	0.00%	0.00%	794	764	782
	Phagi	0.00%	100.00%	0.00%	0.00%	792	761	782
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	787	750	772
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	769	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	755	778
	Sholapur	0.00%	100.00%	0.00%	0.00%	794	752	777
	Vadodara	0.00%	100.00%	0.00%	0.00%	786	747	768
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	782	756	769
	Raichur	0.00%	100.00%	0.00%	0.00%	794	757	777
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	794	758	777
ER	Gaya	0.00%	100.00%	0.00%	0.00%	784	751	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	779	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	760	777
NER	Balipara (400 kV)	0.00%	86.79%	13.21%	13.21%	424	391	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	390	405
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	0	408

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