

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

Date of Reporting: **28-Apr-17**
System Reliability Indices Report for: **27-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	12	3.00	12.50
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	1	0.25	1.04
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 27-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%	799	750	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	799	752	768
	Moga	0.00%	100.00%	100.00%	0.00%	798	767	781
	Phagi	0.00%	100.00%	0.00%	0.00%	791	761	775
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	757	776
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	749	767
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	754	771
	Sholapur	0.00%	100.00%	0.00%	0.00%	797	757	780
	Vadodara	0.00%	100.00%	0.00%	0.00%	787	752	771
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	780	739	766
	Raichur	0.00%	100.00%	0.00%	0.00%	791	764	778
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	792	742	773
ER	Gaya	0.00%	100.00%	0.00%	0.00%	786	752	768
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	766	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	786	755	770
NER	Balipara (400 kV)	0.00%	92.22%	7.78%	7.78%	425	391	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	390	403
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	409

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