

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **16-Apr-17**
System Reliability Indices Report for: **15-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	10	2.50	10.42
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 15-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%	797	758	783
	Fatehpur	0.00%	100.00%	0.00%	0.00%	797	750	773
	Moga	0.00%	100.00%	0.00%	0.00%	799	764	787
	Phagi	0.00%	100.00%	0.00%	0.00%	795	761	783
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	744	777
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	768	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	759	783
	Sholapur	0.00%	98.89%	1.11%	1.11%	802	751	783
	Vadodara	0.00%	100.00%	0.00%	0.00%	786	756	773
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	764	777
	Raichur	0.00%	88.75%	11.25%	11.25%	808	757	786
	Thiruvallur	0.00%	68.06%	31.94%	31.94%	808	775	793
ER	Gaya	0.00%	100.00%	0.00%	0.00%	793	750	778
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	800	777	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	770	784
NER	Balipara (400 kV)	0.00%	94.72%	5.28%	5.28%	425	391	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	390	406
	Silchar (400 kV)	0.00%	98.82%	1.18%	1.18%	421	402	412

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