

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

Date of Reporting: **11-Apr-17**
System Reliability Indices Report for: **10-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	22	5.50	22.92
5	NER Import	8	2.00	8.33

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	6	1.50	6.25

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 10-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%	796	739	779
	Fatehpur	0.00%	99.80%	0.00%	0.00%	796	0	764
	Moga	0.00%	97.43%	0.00%	0.00%	807	754	788
	Phagi	0.00%	98.26%	1.74%	1.74%	803	756	786
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	751	776
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	763	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	744	779
	Sholapur	0.00%	100.00%	0.00%	0.00%	797	759	781
	Vadodara	0.00%	100.00%	0.00%	0.00%	788	760	771
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	786	-59	767
	Raichur	0.00%	100.00%	0.00%	0.00%	798	188	783
	Thiruvalam	0.00%	91.82%	8.18%	8.18%	805	-16	792
ER	Gaya	0.00%	100.00%	0.00%	0.00%	790	740	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	772	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	762	778
NER	Balipara (400 kV)	0.00%	99.58%	0.42%	0.42%	421	391	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	390	404
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	410

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