

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

**System Reliability Indices Report for the week from
10-Apr-2017 to 16-Apr-2017**

Date: 20-Apr-2017

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	47	11.75	6.99
5	ER-NER	27	6.75	4.02

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	ER-NER	21	5.25	3.13

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 week from 10-Apr-2017 to 16-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%	99.52%	0.27%	0.27%	803	739	780
	Fatehpur	0.06%	99.88%	0.00%	0.06%	803	726	768
	Moga	0.00%	97.63%	0.00%	0.00%	808	751	786
	Phagi	0.03%	98.95%	1.02%	1.05%	803	725	784
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	744	775
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	763	774
	Gwalior	0.00%	99.92%	0.08%	0.08%	802	744	780
	Sholapur	0.00%	99.57%	0.43%	0.43%	803	739	781
	Vadodara	0.00%	100.00%	0.00%	0.00%	788	746	771
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	758	772
	Raichur	0.00%	98.33%	1.67%	1.67%	808	757	781
	Thiruvalam	0.00%	90.72%	9.28%	9.28%	809	771	788
ER	Gaya	0.00%	100.00%	0.00%	0.00%	793	740	772
	Jharsuguda	0.00%	99.66%	0.34%	0.34%	802	769	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	762	779
NER	Balipara (400 kV)	0.00%	98.80%	1.20%	1.20%	427	391	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	390	405
	Silchar (400 kV)	0.00%	99.83%	0.17%	0.17%	421	397	411

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