

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

**System Reliability Indices Report for the week from
03-Apr-2017 to 09-Apr-2017**

Date: 12-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	161	40.25	23.96
5	ER-NER	16	4.00	2.38

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	22	5.50	3.27
4	ER-NER	10	2.50	1.49

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 03-Apr-2017 to 09-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%	794	734	772
	Fatehpur	0.27%	99.37%	0.00%	0.27%	794	725	757
	Moga	0.00%	91.82%	0.00%	0.00%	807	756	787
	Phagi	0.00%	100.00%	0.00%	0.00%	795	756	781
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	760	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	764	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	736	774
	Sholapur	0.00%	98.98%	1.02%	1.02%	807	750	783
	Vadodara	0.00%	100.00%	0.00%	0.00%	790	766	776
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	762	776
	Raichur	0.00%	99.62%	0.38%	0.38%	804	763	782
	Thiruvalam	0.00%	87.91%	12.09%	12.09%	810	772	789
ER	Gaya	0.00%	100.00%	0.00%	0.00%	790	735	766
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	772	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	764	780
NER	Balipara (400 kV)	0.00%	99.84%	0.16%	0.16%	422	391	407
	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%	420	400	412

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