

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

**System Reliability Indices Report for the week from
27-Mar-2017 to 02-Apr-2017**

Date: 5-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	4	1.00	0.60
3	Import of NR	0	0.00	0.00
4	NEW-SR	41	10.25	6.10
5	ER-NER	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	ER-NER	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 week from 27-Mar-2017 to 02-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%	798	753	776
	Fatehpur	0.00%	100.00%	0.00%	0.00%	798	740	763
	Moga	0.00%	97.35%	0.02%	0.02%	804	764	784
	Phagi	0.00%	99.88%	0.12%	0.12%	801	757	782
WR	Aurangabad	0.00%	99.05%	0.95%	0.95%	805	751	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	796	768	780
	Gwalior	0.00%	99.99%	0.01%	0.01%	800	762	779
	Sholapur	0.00%	97.60%	2.40%	2.40%	809	755	783
	Vadodara	0.00%	99.48%	0.52%	0.52%	790	757	777
SR	Nellore PS	0.00%	99.94%	0.06%	0.06%	802	762	785
	Raichur	0.00%	98.61%	1.39%	1.39%	805	762	786
	Thiruvalam	0.00%	83.25%	16.75%	16.75%	811	775	792
ER	Gaya	0.00%	99.68%	0.32%	0.32%	803	748	775
	Jharsuguda	0.00%	99.93%	0.07%	0.07%	800	777	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	768	781
NER	Balipara (400 kV)	0.00%	99.73%	0.27%	0.27%	423	391	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	390	403
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	398	410

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