

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

**System Reliability Indices Report for the week from  
20-Mar-2017 to 26-Mar-2017**

Date: 31-Mar-2017

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	7	1.75	1.04
2	ER-NR	30	7.50	4.46
3	Import of NR	22	5.50	3.27
4	NEW-SR	21	5.25	3.13
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	3	0.75	0.45
2	ER-NR	12	3.00	1.79
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 20-Mar-2017 to 26-Mar-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%	793	739	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	738	761
	Moga	0.00%	93.86%	0.00%	0.00%	805	756	783
	Phagi	0.00%	100.00%	0.00%	0.00%	797	741	776
WR	Aurangabad	0.00%	99.98%	0.02%	0.02%	804	750	775
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	762	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	750	777
	Sholapur	0.00%	96.28%	2.97%	2.97%	814	758	782
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	751	773
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	757	774
	Raichur	0.00%	99.48%	0.52%	0.52%	808	759	781
	Thiruvalam	0.00%	88.15%	11.85%	11.85%	805	766	787
ER	Gaya	0.00%	100.00%	0.00%	0.00%	788	746	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	768	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	767	782
NER	Balipara (400 kV)	0.00%	99.06%	0.94%	0.94%	425	391	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	390	405
	Silchar (400 kV)	0.00%	97.59%	2.41%	2.41%	423	394	410

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