

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

**System Reliability Indices Report for the week from
13-Mar-2017 to 19-Mar-2017**

Date: 24-Mar-2017

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	32	8.00	4.76
2	ER-NR	22	5.50	3.27
3	Import of NR	25	6.25	3.72
4	NEW-SR	36	9.00	5.36
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	5	1.25	0.74
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 13-Mar-2017 to 19-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	751	776
	Fatehpur	0.00%	100.00%	0.00%	0.00%	793	736	764
	Moga	0.00%	91.00%	8.34%	8.34%	807	760	793
	Phagi	0.00%	96.37%	3.63%	3.63%	807	743	782
WR	Aurangabad	0.00%	99.94%	0.06%	0.06%	804	750	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	794	767	780
	Gwalior	0.01%	99.87%	0.12%	0.13%	803	716	783
	Sholapur	0.00%	98.89%	1.11%	1.11%	808	757	785
	Vadodara	0.00%	98.76%	1.24%	1.24%	803	757	780
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	764	778
	Raichur	0.00%	99.95%	0.05%	0.05%	803	763	784
	Thiruvalam	0.00%	89.51%	10.49%	10.49%	806	772	790
ER	Gaya	0.00%	100.00%	0.00%	0.00%	790	754	774
	Jharsuguda	0.00%	98.47%	1.53%	1.53%	804	775	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	798	769	785
NER	Balipara (400 kV)	0.00%	99.96%	0.04%	0.04%	424	391	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	390	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	393	407

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