

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

**System Reliability Indices Report for the week from
27-Feb-2017 to 05-Mar-2017**

Date: 9-Mar-2017

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	54	13.50	8.04
2	ER-NR	8	2.00	1.19
3	Import of NR	68	17.00	10.12
4	NEW-SR	23	5.75	3.42
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	1	0.25	0.15
2	ER-NR	0	0.00	0.00
3	Import of NR	2	0.50	0.30
4	NEW-SR	2	0.50	0.30
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-Feb-2017 to 05-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%	795	749	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	738	762
	Moga	0.00%	99.12%	29.19%	29.19%	806	749	787
	Phagi	0.00%	99.94%	0.06%	0.06%	804	755	778
WR	Aurangabad	0.00%	99.96%	0.04%	0.04%	805	747	772
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	767	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	761	780
	Sholapur	0.00%	99.53%	0.47%	0.47%	813	758	782
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	756	774
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	763	777
	Raichur	0.00%	99.87%	0.13%	0.13%	805	760	779
	Thiruvalam	0.00%	98.84%	1.16%	1.16%	803	774	788
ER	Gaya	0.00%	100.00%	0.00%	0.00%	786	753	770
	Jharsuguda	0.00%	99.60%	0.40%	0.40%	801	778	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	771	785
NER	Balipara (400 kV)	0.00%	99.52%	0.48%	0.48%	426	388	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	390	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	390	408

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