

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

**Date of Reporting: 4-May-17  
System Reliability Indices Report for: 3-May-17**

**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	18	4.50	18.75
3	Import of NR	18	4.50	18.75
4	NEW-SR	0	0.00	0.00
5	NER Import	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	8	2.00	8.33
3	Import of NR	5	1.25	5.21
4	NEW-SR	0	0.00	0.00
4	NER Import	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 day of 03-May-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%	786	751	768
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	733	753
	Moga	0.00%	100.00%	0.00%	0.00%	793	766	779
	Phagi	0.00%	100.00%	03-05-2017	4285800.00%	787	764	777
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	0	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	0	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	0	772
	Sholapur	0.00%	100.00%	0.00%	0.00%	798	0	784
	Vadodara	0.00%	100.00%	0.00%	0.00%	783	0	771
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	785	768	776
	Raichur	0.00%	99.24%	0.76%	0.76%	802	776	788
	Thiruvalam	0.00%	71.46%	28.54%	28.54%	805	786	795
ER	Gaya	0.00%	100.00%	0.00%	0.00%	772	740	756
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	778	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	769	776
NER	Balipara (400 kV)	0.00%	95.28%	4.72%	4.72%	435	399	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	394	404
	Silchar (400 kV)	0.00%	99.31%	0.69%	0.69%	422	396	412

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