

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

**Date of Reporting: 15-May-17  
System Reliability Indices Report for: 14-May-17**

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

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	Import of NR	2	0.50	2.08
4	NEW-SR	1	0.25	1.04
5	NER Import	0	0.00	0.00

**Percentage(%) of times (N-1) Criteria was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
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	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 14-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%	797	757	779
	Fatehpur	0.00%	100.00%	0.00%	0.00%	797	747	767
	Moga	0.00%	100.00%	100.00%	0.00%	787	760	775
	Phagi	0.00%	100.00%	0.00%	0.00%	794	754	779
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	800	767	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	771	771	771
	Gwalior	0.00%	99.93%	0.07%	0.07%	800	753	781
	Sholapur	0.00%	97.22%	2.78%	2.78%	804	767	787
	Vadodara	0.00%	100.00%	0.00%	0.00%	786	762	775
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	772	780
	Raichur	0.00%	99.58%	0.42%	0.42%	803	772	788
	Thiruvalam	0.00%	89.58%	10.42%	10.42%	805	786	794
ER	Gaya	0.00%	100.00%	0.00%	0.00%	793	749	772
	Jharsuguda	0.00%	65.28%	34.72%	34.72%	806	784	797
	Ranchi	0.00%	100.00%	0.00%	0.00%	798	771	787
NER	Balipara (400 kV)	0.00%	97.71%	2.29%	2.29%	421	396	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	389	403
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	410

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