

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

**Date of Reporting: 6-May-17  
System Reliability Indices Report for: 5-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	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
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 05-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%	789	754	767
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	739	752
	Moga	0.00%	100.00%	0.00%	0.00%	792	764	776
	Phagi	0.00%	100.00%	0.00%	0.00%	796	763	774
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	758	776
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	771	771	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	758	770
	Sholapur	0.00%	100.00%	0.00%	0.00%	797	760	780
	Vadodara	0.00%	100.00%	0.00%	0.00%	785	755	770
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	775	755	766
	Raichur	0.00%	100.00%	0.00%	0.00%	790	759	776
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	787	761	775
ER	Gaya	0.00%	100.00%	0.00%	0.00%	772	744	756
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	780	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	771	778
NER	Balipara (400 kV)	0.00%	86.32%	13.68%	13.68%	425	398	412
	Bongaigaon (400 kV)	0.00%	99.44%	0.56%	0.56%	421	390	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	0	411

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