

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

**Date of Reporting: 27-May-17
System Reliability Indices Report for: 26-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	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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
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 26-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%	799	757	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	799	744	763
	Moga	0.00%	100.00%	0.00%	0.00%	791	760	774
	Phagi	0.00%	100.00%	0.00%	0.00%	796	763	778
WR	Aurangabad	0.00%	98.61%	1.39%	1.39%	804	765	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	774	780
	Gwalior	0.00%	99.58%	0.42%	0.42%	803	759	778
	Sholapur	0.00%	85.56%	14.44%	14.44%	808	768	789
	Vadodara	0.00%	100.00%	0.00%	0.00%	788	753	773
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	787	763	777
	Raichur	0.00%	99.44%	0.56%	0.56%	802	769	787
	Thiruvalam	0.00%	99.79%	0.21%	0.21%	803	771	789
ER	Gaya	0.00%	100.00%	0.00%	0.00%	792	761	779
	Jharsuguda	0.00%	98.64%	1.36%	1.36%	800	765	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	798	774	785
NER	Balipara (400 kV)	0.00%	99.79%	0.21%	0.21%	427	399	412
	Bongaigaon (400 kV)	0.00%	96.11%	3.89%	3.89%	422	396	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	409

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