

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

**Date of Reporting: 16-May-17
System Reliability Indices Report for: 15-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	1	0.25	1.04
3	Import of NR	11	2.75	11.46
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 15-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%	784	751	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	740	758
	Moga	0.00%	100.00%	100.00%	0.00%	780	758	769
	Phagi	0.00%	100.00%	0.00%	0.00%	784	752	770
WR	Aurangabad	0.00%	99.79%	0.21%	0.21%	802	769	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	771	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	757	773
	Sholapur	0.00%	85.00%	15.00%	15.00%	809	778	792
	Vadodara	0.00%	100.00%	0.00%	0.00%	787	762	774
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	788	772	780
	Raichur	0.00%	93.26%	6.74%	6.74%	805	777	793
	Thiruvalam	0.00%	65.49%	34.51%	34.51%	807	781	796
ER	Gaya	0.00%	100.00%	0.00%	0.00%	779	741	764
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	782	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	772	781
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	394	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	388	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	409

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