

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **11-Jan-17**
System Reliability Indices Report for: **10-Jan-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	20	5.00	20.83
2	ER-NR	0	0.00	0.00
3	Import of NR	2	0.50	2.08
4	NEW-SR	9	2.25	9.38
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	4	1.00	4.17
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 10-Jan-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%	791	748	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	738	760
	Moga	0.00%	97.78%	100.00%	100.00%	804	765	784
	Phagi	0.00%	100.00%	0.00%	0.00%	796	754	775
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	800	756	774
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	762	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	754	775
	Sholapur	0.00%	97.22%	2.78%	2.78%	805	762	781
	Vadodara	0.00%	100.00%	0.00%	0.00%	789	758	776
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	771	785
	Raichur	0.00%	100.00%	0.00%	0.00%	798	765	783
	Thiruvalam	0.00%	50.21%	49.79%	49.79%	808	781	796
ER	Gaya	0.00%	100.00%	0.00%	0.00%	789	751	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	772	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	766	783
NER	Balipara (400 kV)	0.00%	99.72%	0.28%	0.28%	421	392	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	409
	Silchar (400 kV)	0.00%	74.51%	25.49%	25.49%	424	404	415

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