

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **1-Jan-17**
System Reliability Indices Report for: **31-Dec-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	10	2.50	10.42
2	ER-NR	0	0.00	0.00
3	Import of NR	13	3.25	13.54
4	NEW-SR	4	1.00	4.17
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 31-Dec-2016

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%	793	750	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	740	759
	Moga	0.00%	100.00%	0.00%	0.00%	799	760	781
	Phagi	0.00%	100.00%	0.00	0.00%	797	753	777
WR	Aurangabad	0.00%	99.51%	0.49%	0.49%	801	756	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	794	772	784
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	755	777
	Sholapur	0.00%	97.01%	2.99%	2.99%	808	759	785
	Vadodara	0.00%	100.00%	0.00%	0.00%	796	762	778
SR	Nellore PS	0.00%	64.17%	35.83%	35.83%	810	778	796
	Raichur	0.00%	99.03%	0.97%	0.97%	802	765	788
	Thiruvalam	0.00%	25.28%	74.72%	74.72%	818	788	804
ER	Gaya	0.00%	100.00%	0.00%	0.00%	790	756	771
	Jharsuguda	0.00%	67.36%	32.64%	32.64%	806	785	796
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	768	783
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	396	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	407
	Silchar (400 kV)	0.00%	96.88%	3.13%	3.13%	421	405	414

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