

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **23-Dec-16**
System Reliability Indices Report for: **22-Dec-16**

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	9	2.25	9.38
3	Import of NR	7	1.75	7.29
4	NEW-SR	2	0.50	2.08
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 22-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	755	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	742	762
	Moga	0.00%	91.74%	100.00%	100.00%	803	767	786
	Phagi	0.00%	100.00%	0.00%	0.00%	800	767	783
WR	Aurangabad	0.00%	99.86%	0.14%	0.14%	802	756	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	770	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	758	779
	Sholapur	0.00%	95.21%	4.79%	4.79%	808	763	788
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	764	779
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	775	783
	Raichur	0.00%	99.86%	0.14%	0.14%	802	770	786
	Thiruvalam	0.00%	66.81%	33.19%	33.19%	811	787	797
ER	Gaya	0.00%	100.00%	0.00%	0.00%	790	757	775
	Jharsuguda	0.00%	95.14%	4.86%	4.86%	803	781	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	770	782
NER	Balipara (400 kV)	0.00%	98.61%	1.39%	1.39%	426	398	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	394	406
	Silchar (400 kV)	0.00%	96.39%	3.61%	3.61%	422	400	412

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