

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **9-Dec-16**
System Reliability Indices Report for: **8-Dec-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	28	7.00	29.17
2	ER-NR	0	0.00	0.00
3	Import of NR	33	8.25	34.38
4	NEW-SR	35	8.75	36.46
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	2	0.50	2.08
4	NEW-SR	1	0.25	1.04
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 08-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%	792	747	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	737	759
	Moga	0.00%	99.38%	0.63%	0.63%	802	744	774
	Phagi	0.00%	100.00%	0.00%	0.00%	793	755	778
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	736	777
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	756	768
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	751	776
	Sholapur	0.00%	99.38%	0.63%	0.63%	802	746	783
	Vadodara	0.00%	100.00%	0.00%	0.00%	792	751	776
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	771	781
	Raichur	0.00%	99.44%	0.56%	0.56%	803	757	782
	Thiruvalam	0.00%	78.68%	21.32%	21.32%	806	781	793
ER	Gaya	0.00%	100.00%	0.00%	0.00%	791	753	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	768	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	760	774
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	388	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	405
	Silchar (400 kV)	0.00%	98.96%	1.04%	1.04%	421	402	413

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