

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

Date of Reporting: **26-Dec-16**
System Reliability Indices Report for: **25-Dec-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	8	2.00	8.33
2	ER-NR	0	0.00	0.00
3	Import of NR	8	2.00	8.33
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	2	0.50	2.08
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 25-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	758	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	750	763
	Moga	0.00%	98.13%	1.88%	1.88%	803	773	787
	Phagi	0.00%	100.00%	0.00%	0.00%	798	767	784
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	757	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	797	778	787
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	765	782
	Sholapur	0.00%	95.28%	4.72%	4.72%	811	767	790
	Vadodara	0.00%	100.00%	0.00%	0.00%	799	768	785
SR	Nellore PS	0.00%	99.72%	0.28%	0.28%	801	782	791
	Raichur	0.00%	98.40%	1.60%	1.60%	804	774	790
	Thiruvalam	0.00%	76.67%	23.33%	23.33%	812	783	789
ER	Gaya	0.00%	100.00%	0.00%	0.00%	796	771	784
	Jharsuguda	0.00%	97.92%	2.08%	2.08%	804	787	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	798	778	789
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	403	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	412
	Silchar (400 kV)	0.00%	87.64%	12.36%	12.36%	423	405	416

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