

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **27-Dec-16**
System Reliability Indices Report for: **26-Dec-16**

Percentage (%) of times ATC 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	4	1.00	4.17
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	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 26-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%	791	757	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	741	762
	Moga	0.00%	99.65%	100.00%	100.00%	801	770	785
	Phagi	0.00%	100.00%	0.00%	0.00%	799	767	780
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	224	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	794	762	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	762	780
	Sholapur	0.00%	95.76%	4.24%	4.24%	807	761	787
	Vadodara	0.00%	100.00%	0.00%	0.00%	799	756	780
SR	Nellore PS	0.00%	98.75%	1.25%	1.25%	804	774	788
	Raichur	0.00%	99.24%	0.76%	0.76%	803	766	786
	Thiruvalam	0.00%	47.22%	52.78%	52.78%	819	785	800
ER	Gaya	0.00%	100.00%	0.00%	0.00%	794	767	782
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	772	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	768	783
NER	Balipara (400 kV)	0.00%	98.75%	1.25%	1.25%	421	396	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	410
	Silchar (400 kV)	0.00%	78.61%	21.39%	21.39%	423	402	414

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