

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

Date of Reporting: **30-Dec-16**
System Reliability Indices Report for: **29-Dec-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	27	6.75	28.13
2	ER-NR	0	0.00	0.00
3	Import of NR	20	5.00	20.83
4	NEW-SR	10	2.50	10.42
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	5	1.25	5.21
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 29-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%	789	761	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	747	761
	Moga	0.00%	99.24%	100.00%	100.00%	890	771	785
	Phagi	0.00%	100.00%	0.00%	0.00%	795	768	780
WR	Aurangabad	0.00%	98.75%	1.25%	1.25%	804	756	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	768	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	762	779
	Sholapur	0.00%	92.22%	7.78%	7.78%	811	765	790
	Vadodara	0.00%	100.00%	0.00%	0.00%	799	0	781
SR	Nellore PS	0.00%	77.50%	22.50%	22.50%	807	784	795
	Raichur	0.00%	95.60%	4.40%	4.40%	803	0	792
	Thiruvalam	0.00%	20.14%	79.86%	79.86%	818	791	804
ER	Gaya	0.00%	100.00%	0.00%	0.00%	788	760	772
	Jharsuguda	0.00%	95.14%	4.86%	4.86%	804	780	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	770	782
NER	Balipara (400 kV)	0.00%	98.68%	1.32%	1.32%	422	390	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	409
	Silchar (400 kV)	0.00%	84.31%	15.69%	15.69%	422	403	415

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