

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

Date of Reporting: **4-Dec-16**
System Reliability Indices Report for: **3-Dec-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	49	12.25	51.04
2	ER-NR	0	0.00	0.00
3	Import of NR	59	14.75	61.46
4	NEW-SR	29	7.25	30.21
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	4	1.00	4.17
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 03-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%	790	746	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	735	756
	Moga	0.00%	100.00%	0.00%	0.00%	800	758	777
	Phagi	0.00%	100.00%	0.00%	0.00%	799	759	777
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	759	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	756	768
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	756	776
	Sholapur	0.00%	98.06%	1.94%	1.94%	804	763	784
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	764	781
SR	Nellore PS	0.00%	89.86%	10.14%	10.14%	805	776	788
	Raichur	0.00%	93.47%	6.53%	6.53%	805	767	785
	Thiruvalam	0.00%	54.38%	45.63%	45.63%	821	787	800
ER	Gaya	0.00%	100.00%	0.00%	0.00%	789	752	766
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	772	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	754	771
NER	Balipara (400 kV)	0.00%	98.61%	1.39%	1.39%	422	397	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	406
	Silchar (400 kV)	0.00%	95.76%	4.24%	4.24%	422	403	414

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