

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

**Date of Reporting: 1-Dec-16
System Reliability Indices Report for: 30-Nov-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	39	9.75	40.63
2	ER-NR	0	0.00	0.00
3	Import of NR	76	19.00	79.17
4	NEW-SR	7	1.75	7.29
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	12	3.00	12.50
2	ER-NR	0	0.00	0.00
3	Import of NR	39	9.75	40.63
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 30-Nov-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	754	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	745	760
	Moga	0.00%	95.07%	4.93%	4.93%	806	742	777
	Phagi	0.00%	100.00%	0.00%	0.00%	795	739	776
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	738	771
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	775	761	770
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	758	775
	Sholapur	0.00%	99.93%	0.07%	0.07%	800	747	776
	Vadodara	0.00%	100.00%	0.00%	0.00%	792	751	776
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	762	776
	Raichur	0.00%	100.00%	0.00%	0.00%	795	752	776
	Thiruvalam	0.00%	99.65%	0.35%	0.35%	802	772	786
ER	Gaya	0.00%	100.00%	0.00%	0.00%	787	762	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	767	778
	Ranchi	0.00%	100.00%	0.00%	0.00%	786	764	774
NER	Balipara (400 kV)	0.00%	98.19%	1.81%	1.81%	423	385	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	388	406
	Silchar (400 kV)	0.00%	99.31%	0.69%	0.69%	421	398	413

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