

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

**Date of Reporting: 1-Dec-15
System Reliability Indices Report for: 30-Nov-15**

Percentage (%) of times ATC 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	NEW-SR	1	0.25	1.04
4	ER-NER	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	NEW-SR	0	0.00	0.00
4	ER-NER	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-2015

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	748	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	740	757
	Moga	0.00%	98.96%	1.04%	1.04%	804	756	783
	Phagi	0.00%	100.00%	0.00%	0.00%	785	744	766
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	756	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	758	768
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	751	772
	Sholapur	0.00%	73.54%	25.35%	25.35%	811	767	789
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	763	779
SR	Nellore PS	0.00%	77.50%	22.50%	22.50%	808	779	792
	Raichur	0.00%	82.08%	17.92%	17.92%	804	770	790
	Thiruvallam	0.00%	50.69%	49.31%	49.31%	821	794	805
ER	Gaya	0.00%	100.00%	0.00%	0.00%	771	741	756
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	775	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	775	738	765
NER	Balipara (400 kV)	0.00%	68.61%	31.39%	31.39%	430	393	414
	Bongaigaon (400 kV)	0.00%	99.93%	0.07%	0.07%	420	392	411
	Silchar (400 kV)	0.00%	89.17%	10.83%	10.83%	421	400	414

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