

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

**Date of Reporting: 4-Dec-15
System Reliability Indices Report for: 3-Dec-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	3	0.75	3.13
2	ER-NR	0	0.00	0.00
3	NEW-SR	4	1.00	4.17
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	3	0.75	3.13
2	ER-NR	0	0.00	0.00
3	NEW-SR	3	0.75	3.13
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 03-Dec-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%	792	754	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	772	740	753
	Moga	0.00%	95.63%	4.37%	4.37%	808	768	787
	Phagi	0.00%	100.00%	0.00%	0.00%	791	751	769
WR	Aurangabad	0.00%	96.07%	0.00%	0.00%	800	769	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	757	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	754	774
	Sholapur	0.00%	81.66%	14.97%	14.97%	810	776	793
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	761	779
SR	Nellore PS	0.00%	90.19%	9.81%	9.81%	803	777	789
	Raichur	0.00%	100.00%	0.00%	0.00%	799	770	787
	Thiruvalam	0.00%	18.05%	81.95%	81.95%	822	791	807
ER	Gaya	0.00%	100.00%	0.00%	0.00%	767	735	751
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	765	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	778	753	764
NER	Balipara (400 kV)	0.00%	74.57%	25.43%	25.43%	424	400	414
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	389	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	413

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