

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **5-Nov-16**
System Reliability Indices Report for: **4-Nov-16**

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	Import of NR	0	0.00	0.00
4	NEW-SR	14	3.50	14.58
5	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	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
4	ER-NER	3	0.75	3.13

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 04-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%	791	752	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	738	761
	Moga	0.00%	98.67%	1.33%	1.33%	803	771	788
	Phagi	0.00%	98.19%	1.81%	1.81%	802	756	781
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	750	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	763	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	757	774
	Sholapur	0.00%	97.91%	2.09%	2.09%	804	753	783
	Vadodara	0.00%	100.00%	0.00%	0.00%	800	766	784
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	770	783
	Raichur	0.00%	100.00%	0.00%	0.00%	798	758	782
	Thiruvalam	0.00%	63.71%	36.29%	36.29%	809	780	796
ER	Gaya	0.00%	100.00%	0.00%	0.00%	781	760	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	774	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	768	778
NER	Balipara (400 kV)	0.00%	80.95%	19.05%	19.05%	422	401	415
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	403	412

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