

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

**System Reliability Indices Report for the week from
12-Oct-2015 to 18-Oct-2015**

Date: 22-Oct-2015

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	61	15.25	9.08
2	ER-NR	0	0.00	0.00
3	Import of NR	216	54.00	32.14
4	NEW-SR	0	0.00	0.00
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	5	1.25	0.74
3	Import of NR	0	0.00	0.00
4	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 week from 12-Oct-2015 to 18-Oct-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%	794	746	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	740	758
	Moga	0.00%	94.21%	5.79%	5.79%	810	759	784
	Phagi	0.00%	100.00%	0.00%	0.00%	783	736	762
WR	Aurangabad	0.00%	98.42%	0.00%	0.00%	800	749	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	741	766
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	746	772
	Sholapur	0.00%	88.28%	10.64%	10.64%	815	756	787
	Vadodara	0.00%	100.00%	0.00%	0.00%	799	0	778
SR	Nellore PS	0.00%	28.57%	0.00%	0.00%	785	0	224
	Raichur	0.00%	97.10%	2.90%	2.90%	801	0	675
	Thiruvalam	0.00%	85.21%	14.79%	14.79%	812	397	684
ER	Gaya	0.00%	100.00%	0.00%	0.00%	776	734	760
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	744	772
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	748	762
NER	Balipara (400 kV)	0.00%	97.77%	2.23%	2.23%	438	395	412
	Bongaigaon (400 kV)	0.00%	97.96%	0.25%	0.25%	428	394	408
	Silchar (400 kV)	0.00%	99.99%	0.01%	0.01%	421	392	409

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