

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

**System Reliability Indices Report for the week from
17-Aug-2015 to 23-Aug-2015**

Date: 27-Aug-2015

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	134	33.50	19.94
2	ER-NR	0	0.00	0.00
3	Import of NR	77	19.25	11.46
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	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	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 17-Aug-2015 to 23-Aug-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%	99.55%	0.10%	0.10%	802	0	778
	Fatehpur	0.09%	100.00%	0.00%	0.09%	784	0	762
	Moga	0.00%	99.01%	0.99%	0.99%	804	0	777
	Phagi	0.00%	100.00%	0.00%	0.00%	782	0	768
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	739	766
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	768	752	757
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	754	779
	Sholapur	0.00%	94.59%	3.73%	3.73%	807	750	785
	Vadodara	0.00%	98.39%	0.00%	0.00%	800	771	787
SR	Nellore PS	0.00%	87.73%	0.00%	0.00%	800	765	786
	Raichur	0.00%	99.64%	0.36%	0.36%	421	385	402
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	418	396	407
ER	Gaya	0.00%	100.00%	0.00%	0.00%	770	0	757
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	786	746	767
	Ranchi	0.00%	100.00%	0.00%	0.00%	774	395	753
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	409
	Bongaigaon (400 kV)	0.00%	54.99%	29.41%	29.41%	428	409	419
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	406

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