

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

**System Reliability Indices Report for the week from
14-Sep-2015 to 20-Sep-2015**

Date: 24-Sep-2015

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	237	59.25	35.27
2	ER-NR	0	0.00	0.00
3	Import of NR	57	14.25	8.48
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 14-Sep-2015 to 20-Sep-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%	99.99%	0.00%	0.00%	800	744	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	738	761
	Moga	0.00%	91.62%	8.38%	8.38%	810	760	784
	Phagi	0.00%	100.00%	0.00%	0.00%	788	739	767
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	737	774
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	760	771
	Gwalior	0.00%	99.98%	0.02%	0.02%	802	746	776
	Sholapur	0.00%	69.62%	24.63%	24.63%	817	766	794
	Vadodara	0.00%	99.93%	0.00%	0.00%	800	0	791
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	780	795
	Raichur	0.00%	100.00%	0.00%	0.00%	418	384	401
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	413	385	401
ER	Gaya	0.00%	100.00%	0.00%	0.00%	780	0	775
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	788	742	765
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	0	772
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	408
	Bongaigaon (400 kV)	0.00%	94.56%	3.26%	3.26%	434	406	414
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	404

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