

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

**System Reliability Indices Report for the week from
21-Sep-2015 to 27-Sep-2015**

Date: 1-Oct-2015

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	68	17.00	10.12
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	44	11.00	6.55
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 21-Sep-2015 to 27-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	752	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	738	756
	Moga	0.00%	85.14%	14.86%	14.86%	810	3	787
	Phagi	0.00%	100.00%	0.00%	0.00%	777	730	757
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	744	772
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	757	771
	Gwalior	0.00%	99.95%	0.05%	0.05%	801	751	780
	Sholapur	0.00%	92.04%	6.70%	6.70%	811	0	786
	Vadodara	0.00%	99.19%	0.06%	0.06%	800	0	782
SR	Nellore PS	0.00%	94.65%	5.35%	5.35%	804	782	794
	Raichur	0.00%	99.97%	0.03%	0.03%	420	386	404
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	415	390	406
ER	Gaya	0.00%	100.00%	0.00%	0.00%	776	0	764
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	778	0	760
	Ranchi	0.32%	99.68%	0.00%	0.32%	767	0	748
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	408
	Bongaigaon (400 kV)	0.00%	95.76%	2.05%	2.05%	429	397	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	391	402

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