

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

**System Reliability Indices Report for the week from  
10-Aug-2015 to 16-Aug-2015**

Date: 20-Aug-2015

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	276	69.00	41.07
2	ER-NR	0	0.00	0.00
3	Import of NR	154	38.50	22.92
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	43	10.75	6.40
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 10-Aug-2015 to 16-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%	99.65%	0.12%	0.12%	806	753	781
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	743	758
	Moga	0.00%	99.94%	0.06%	0.06%	804	761	784
	Phagi	0.00%	100.00%	0.00%	0.00%	784	741	763
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	739	768
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	769	749	759
	Gwalior	0.00%	98.79%	1.21%	1.21%	808	752	782
	Sholapur	0.00%	84.36%	9.87%	9.87%	811	0	789
	Vadodara	0.00%	91.78%	0.00%	0.00%	800	755	789
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	765	765	765
	Raichur	0.00%	100.00%	0.00%	0.00%	418	385	402
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	417	392	405
ER	Gaya	0.00%	100.00%	0.00%	0.00%	769	44	759
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	781	745	765
	Ranchi	0.08%	99.92%	0.00%	0.08%	785	0	750
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	408
	Bongaigaon (400 kV)	0.00%	89.37%	3.55%	3.55%	424	409	414
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	393	405

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