

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

**System Reliability Indices Report for the week from
31-Aug-2015 to 06-Sep-2015**

Date: 10-Sep-2015

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	143	35.75	21.28
2	ER-NR	5	1.25	0.74
3	Import of NR	103	25.75	15.33
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	22	5.50	3.27
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 31-Aug-2015 to 06-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%	100.00%	0.00%	0.00%	788	742	764
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	729	752
	Moga	0.00%	100.00%	0.00%	0.00%	791	749	770
	Phagi	0.00%	100.00%	0.00%	0.00%	781	731	751
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	738	766
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	771	752	758
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	749	768
	Sholapur	0.00%	95.83%	2.14%	2.14%	805	755	784
	Vadodara	0.00%	100.00%	0.00%	0.00%	800	765	780
SR	Nellore PS	0.00%	82.56%	0.00%	0.00%	800	0	795
	Raichur	0.00%	100.00%	0.00%	0.00%	418	387	403
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	418	394	405
ER	Gaya	0.00%	100.00%	0.00%	0.00%	780	765	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	782	737	758
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	746	766
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	0	408
	Bongaigaon (400 kV)	0.00%	76.57%	15.15%	15.15%	428	411	417
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	406

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