

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

**System Reliability Indices Report for the week from
28-Sep-2015 to 04-Oct-2015**

Date: 7-Oct-2015

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	170	42.50	25.30
2	ER-NR	0	0.00	0.00
3	Import of NR	76	19.00	11.31
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	31	7.75	4.61
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 28-Sep-2015 to 04-Oct-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%	794	744	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	732	752
	Moga	0.00%	96.87%	3.13%	3.13%	805	759	783
	Phagi	0.00%	100.00%	0.00%	0.00%	777	729	756
WR	Aurangabad	0.00%	96.53%	0.00%	0.00%	800	746	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	760	770
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	750	773
	Sholapur	0.00%	83.76%	14.92%	14.92%	814	751	784
	Vadodara	0.00%	89.74%	10.26%	10.26%	808	417	787
SR	Nellore PS	0.00%	86.76%	13.24%	13.24%	809	778	793
	Raichur	0.00%	98.61%	1.39%	1.39%	421	386	405
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	416	393	405
ER	Gaya	3.42%	96.58%	0.00%	3.42%	771	396	756
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	782	0	761
	Ranchi	0.59%	99.41%	0.00%	0.59%	787	0	759
NER	Balipara (400 kV)	0.00%	99.17%	0.83%	0.83%	421	399	410
	Bongaigaon (400 kV)	0.00%	96.14%	2.41%	2.41%	427	391	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	388	404

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