

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

**System Reliability Indices Report for the week from
05-Oct-2015 to 11-Oct-2015**

Date: 15-Oct-2015

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	145	36.25	21.58
2	ER-NR	0	0.00	0.00
3	Import of NR	185	46.25	27.53
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	54	13.50	8.04
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 05-Oct-2015 to 11-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%	788	742	767
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	732	752
	Moga	0.00%	99.01%	0.99%	0.99%	803	753	780
	Phagi	0.00%	100.00%	0.00%	0.00%	774	733	757
WR	Aurangabad	0.00%	98.32%	0.00%	0.00%	800	754	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	750	764
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	746	769
	Sholapur	0.00%	68.84%	26.87%	26.87%	818	762	793
	Vadodara	0.00%	87.74%	12.26%	12.26%	808	0	787
SR	Nellore PS	0.00%	33.01%	9.85%	9.85%	809	0	340
	Raichur	0.00%	98.29%	1.71%	1.71%	422	387	404
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	417	0	404
ER	Gaya	0.00%	100.00%	0.00%	0.00%	768	34	756
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	781	741	760
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	751	770
NER	Balipara (400 kV)	0.00%	99.64%	0.36%	0.36%	422	403	412
	Bongaigaon (400 kV)	0.00%	95.11%	1.34%	1.34%	433	342	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	391	405

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