

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

**System Reliability Indices Report for the week from
27-Apr-2015 to 03-May-2015**

Date: 7-May-2015

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	74	18.50	11.01
2	ER-NR	0	0.00	0.00
3	Import of NR	136	34.00	20.24
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	1	0.25	0.15
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 27-Apr-2015 to 03-May-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%	793	745	769
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	730	757
	Moga	0.00%	94.21%	5.79%	5.79%	810	755	784
	Phagi	0.00%	100.00%	0.00%	0.00%	787	733	761
WR	Aurangabad	0.02%	99.98%	0.00%	0.02%	796	728	758
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	769	745	758
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	745	766
	Sholapur	0.00%	98.95%	0.82%	0.82%	808	748	778
	Vadodara	0.00%	99.45%	0.00%	0.00%	800	759	781
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	764	781
	Raichur	0.00%	100.00%	0.00%	0.00%	416	383	400
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	412	391	402
ER	Gaya	0.00%	100.00%	0.00%	0.00%	778	745	766
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	783	734	761
	Ranchi	0.00%	99.94%	0.06%	0.06%	802	730	757
NER	Balipara (400 kV)	0.00%	99.91%	0.09%	0.09%	420	400	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	385	403
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	389	405

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