

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

**Date of Reporting: 4-May-15
System Reliability Indices Report for: 3-May-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	27	6.75	28.13
2	ER-NR	0	0.00	0.00
3	NEW-SR	24	6.00	25.00
4	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	5	1.25	5.21
2	ER-NR	0	0.00	0.00
3	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 day of 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%	788	747	770
	Ballia	0.00%	100.00%	0.00%	0.00%	775	736	757
	Bhiwani	0.00%	99.51%	0.49%	0.49%	801	765	783
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	773	773
WR	Aurangabad	0.14%	99.86%	0.00%	0.14%	782	728	754
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	769	751	758
	Gwalior	0.00%	100.00%	0.00%	0.00%	785	748	767
	Sholapur	0.00%	99.38%	0.63%	0.63%	802	758	776
SR	Raichur	0.00%	99.65%	0.00%	0.00%	800	769	781
	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	772	782
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	403
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	408	395	402
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	762	762	762
	Gaya	0.00%	100.00%	0.00%	0.00%	780	746	765
	Sasaram	0.00%	100.00%	0.00%	0.00%	777	738	760
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	419	406	413
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	389	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	406
	Misa (400 kV)	0.00%	81.60%	10.76%	10.76%	423	403	414

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