

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

**Date of Reporting: 16-May-15
System Reliability Indices Report for: 15-May-15**

Percentage (%) of times ATC 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	0	0.00	0.00
3	NEW-SR	27	6.75	28.13
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	0	0.00	0.00
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 15-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%	787	752	771
	Ballia	0.00%	100.00%	0.00%	0.00%	777	742	761
	Bhiwani	0.00%	97.78%	2.22%	2.22%	800	775	788
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	743	763
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	788	738	761
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	758	754	758
	Gwalior	0.00%	100.00%	0.00%	0.00%	781	757	765
	Sholapur	0.00%	96.53%	3.13%	3.13%	801	758	785
SR	Raichur	0.00%	100.00%	0.00%	0.00%	797	797	797
	Nellore PS	0.00%	60.90%	0.00%	0.00%	800	782	795
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	417	386	403
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	407
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	769	757	762
	Gaya	0.00%	100.00%	0.00%	0.00%	783	748	767
	Sasaram	0.00%	100.00%	0.00%	0.00%	745	745	745
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	420	403	412
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	408
	Misa (400 kV)	0.00%	93.89%	2.08%	2.08%	422	403	411

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