

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **22-May-15**
System Reliability Indices Report for: **21-May-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	2	0.50	2.08
2	ER-NR	0	0.00	0.00
3	NEW-SR	1	0.25	1.04
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 21-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%	783	740	757
	Ballia	0.00%	100.00%	0.00%	0.00%	769	737	753
	Bhiwani	0.00%	100.00%	0.00%	0.00%	790	758	773
	Fatehpur	2.09%	97.07%	0.00%	2.09%	776	725	755
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	784	738	755
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	762	747	751
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	739	754
	Sholapur	0.00%	99.37%	0.56%	0.56%	801	764	782
SR	Raichur	0.00%	100.00%	0.00%	0.00%	797	765	784
	Nellore PS	0.00%	87.99%	0.00%	0.00%	800	783	792
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	416	383	399
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	767	752	759
	Gaya	2.44%	97.56%	0.00%	2.44%	770	721	755
	Sasaram	0.00%	100.00%	0.00%	0.00%	745	745	745
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	409
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	391	400
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	395	404
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	407

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