

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

**Date of Reporting: 30-May-15
System Reliability Indices Report for: 29-May-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	23	5.75	23.96
2	ER-NR	0	0.00	0.00
3	NEW-SR	10	2.50	10.42
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	3	0.75	3.13
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 29-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%	784	739	761
	Ballia	0.00%	100.00%	0.00%	0.00%	772	737	753
	Bhiwani	0.00%	100.00%	0.00%	0.00%	789	756	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	748	767
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	785	741	762
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	758	767
	Gwalior	0.00%	100.00%	0.00%	0.00%	785	745	764
	Sholapur	0.00%	100.00%	0.00%	0.00%	795	761	772
SR	Raichur	0.00%	98.75%	0.00%	0.00%	800	767	783
	Nellore PS	0.00%	89.17%	0.00%	0.00%	800	781	792
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	416	383	398
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	776	758	766
	Gaya	0.00%	100.00%	0.00%	0.00%	760	760	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	750	750	750
	Binaguri (400 kV)	0.00%	98.13%	1.88%	1.88%	421	400	411
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	391	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	394	407
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	408

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