

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

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

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	43	10.75	44.79
2	ER-NR	0	0.00	0.00
3	NEW-SR	18	4.50	18.75
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	9	2.25	9.38
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-Sep-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%	792	746	773
	Ballia	0.00%	100.00%	0.00%	0.00%	779	753	768
	Bhiwani	0.00%	100.00%	0.00%	0.00%	795	763	779
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	741	770
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	759	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	774	762	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	746	777
	Sholapur	0.00%	88.82%	3.19%	3.19%	806	768	789
SR	Raichur	0.00%	100.00%	0.00%	0.00%	800	0	787
	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	780	791
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	408	386	397
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	409	385	398
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	-1	771
	Gaya	0.00%	100.00%	0.00%	0.00%	780	755	770
	Sasaram	0.00%	100.00%	0.00%	0.00%	791	-35	778
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	414	403	408
NER	Balipara (400 kV)	0.00%	98.89%	0.07%	0.07%	434	408	414
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	399	404
	Misa (400 kV)	0.00%	99.51%	0.00%	0.00%	420	408	413

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