

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

**Date of Reporting: 19-Sep-15
System Reliability Indices Report for: 18-Sep-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	41	10.25	42.71
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
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	10	2.50	10.42
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 18-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	763	775
	Ballia	0.00%	100.00%	0.00%	0.00%	771	745	754
	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	771	784
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	759	769
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	786	760	773
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	775	766	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	765	776
	Sholapur	0.00%	61.11%	30.76%	30.76%	817	778	797
SR	Raichur	0.00%	100.00%	0.00%	0.00%	800	778	793
	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	785	795
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	418	387	402
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	412	393	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	766	775
	Gaya	0.00%	100.00%	0.00%	0.00%	776	754	762
	Sasaram	0.00%	100.00%	0.00%	0.00%	785	762	771
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	414	404	409
NER	Balipara (400 kV)	0.00%	92.57%	1.39%	1.39%	434	406	415
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	397	404
	Misa (400 kV)	0.00%	95.69%	0.83%	0.83%	421	406	414

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