

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

**Date of Reporting: 12-Sep-15
System Reliability Indices Report for: 11-Sep-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	69	17.25	71.88
2	ER-NR	0	0.00	0.00
3	NEW-SR	2	0.50	2.08
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	39	9.75	40.63
2	ER-NR	0	0.00	0.00
3	NEW-SR	2	0.50	2.08
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 11-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%	778	745	761
	Ballia	0.00%	100.00%	0.00%	0.00%	770	737	755
	Bhiwani	0.00%	100.00%	0.00%	0.00%	785	752	767
	Fatehpur	0.00%	100.00%	0.00%	0.00%	763	729	747
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	757	777
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	752	764
	Gwalior	0.00%	100.00%	0.00%	0.00%	785	755	768
	Sholapur	0.00%	94.65%	5.35%	5.35%	802	769	787
SR	Raichur	0.00%	100.00%	0.00%	0.00%	800	-112	790
	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	0	793
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	411	392	402
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	410	393	401
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	779	758	768
	Gaya	0.00%	100.00%	0.00%	0.00%	770	742	758
	Sasaram	0.00%	100.00%	0.00%	0.00%	768	738	754
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	409	398	405
NER	Balipara (400 kV)	0.00%	99.44%	0.00%	0.00%	420	408	414
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	406	394	401
	Misa (400 kV)	0.00%	99.65%	0.00%	0.00%	420	407	413

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