POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE

NEW DELHI

Date of Reporting: **15-Sep-15**

System Reliability Indices Report for: **14-Sep-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	19	4.75	19.79
2	ER-NR	0	0.00	0.00
3	NEW-SR	14	3.50	14.58
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 14-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%	784	744	766
	Ballia	0.00%	100.00%	0.00%	0.00%	775	750	765
	Bhiwani	0.00%	100.00%	0.00%	0.00%	794	760	776
	Fatehpur	0.00%	100.00%	0.00%	0.00%	770	741	756
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	790	737	768
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	771	760	766
	Gwalior	0.00%	100.00%	0.00%	0.00%	785	747	768
	Sholapur	0.00%	73.68%	14.72%	14.72%	806	766	792
SR	Raichur	0.00%	100.00%	0.00%	0.00%	799	773	789
	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	796	797
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	409	384	398
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	409	386	398
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	779	764	774
	Gaya	0.00%	100.00%	0.00%	0.00%	776	751	765
	Sasaram	0.00%	100.00%	0.00%	0.00%	781	752	769
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	406
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	408	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	398	402
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	408	412

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