POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE

NEW DELHI

Date of Reporting: **7-Sep-15**

System Reliability Indices Report for: **6-Sep-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	15	3.75	15.63
2	ER-NR	0	0.00	0.00
3	NEW-SR	24	6.00	25.00
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	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 06-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%	788	753	771
	Ballia	0.00%	100.00%	0.00%	0.00%	777	737	758
	Bhiwani	0.00%	100.00%	0.00%	0.00%	791	763	778
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	741	763
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	789	750	770
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	767	756	762
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	756	772
	Sholapur	0.00%	90.21%	7.15%	7.15%	805	756	787
SR	Raichur	0.00%	100.00%	0.00%	0.00%	782	765	777
	Nellore PS	0.00%	80.00%	0.00%	0.00%	800	786	796
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	407
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	408
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	768	768	768
	Gaya	0.00%	100.00%	0.00%	0.00%	782	744	764
	Sasaram	0.00%	100.00%	0.00%	0.00%	792	747	771
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	409
NER	Balipara (400 kV)	0.00%	84.93%	11.39%	11.39%	426	413	417
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	405
	Misa (400 kV)	0.00%	89.10%	4.17%	4.17%	424	410	416

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