POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE

NEW DELHI

Date of Reporting: **24-Sep-15**

System Reliability Indices Report for: **23-Sep-15**

Percentage (%) of times ATC 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	22	5.50	22.92
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	26	6.50	27.08
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 23-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%	99.93%	0.00%	0.00%	800	757	779
	Ballia	0.00%	100.00%	0.00%	0.00%	776	746	758
	Bhiwani	0.00%	68.34%	31.66%	31.66%	809	769	790
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	740	759
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	760	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	766	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	765	783
	Sholapur	0.00%	98.14%	1.08%	1.08%	0	0	790
SR	Raichur	0.00%	100.00%	0.00%	0.00%	800	778	789
	Nellore PS	0.00%	95.13%	4.87%	4.87%	802	789	795
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	410	394	402
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	407
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	772	755	766
	Gaya	0.00%	100.00%	0.00%	0.00%	776	747	761
	Sasaram	0.00%	100.00%	0.00%	0.00%	765	733	750
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	414	405	408
NER	Balipara (400 kV)	0.00%	89.28%	6.47%	6.47%	427	402	414
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	404
	Misa (400 kV)	0.00%	92.21%	3.55%	3.55%	424	402	412

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