POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE

NEW DELHI

Date of Reporting: **23-Sep-15**

System Reliability Indices Report for: **22-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	18	4.50	18.75
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	18	4.50	18.75
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 22-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%	796	764	780
	Ballia	0.00%	100.00%	0.00%	0.00%	772	745	756
	Bhiwani	0.00%	78.68%	21.32%	21.32%	807	779	794
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	745	760
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	789	746	776
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	765	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	770	785
	Sholapur	0.00%	72.82%	20.51%	20.51%	809	0	789
SR	Raichur	0.00%	100.00%	0.00%	0.00%	800	769	787
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	783	791
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	406	390	399
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	409	393	401
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	776	0	770
	Gaya	0.00%	100.00%	0.00%	0.00%	768	0	761
	Sasaram	0.00%	100.00%	0.00%	0.00%	766	0	751
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	413	404	408
NER	Balipara (400 kV)	0.00%	99.58%	0.42%	0.42%	429	408	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	403
	Misa (400 kV)	0.00%	99.65%	0.28%	0.28%	427	406	411

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