POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE

NEW DELHI

Date of Reporting: **2-Oct-15**

System Reliability Indices Report for: **1-Oct-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	56	14.00	58.33
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
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	15	3.75	15.63
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 01-Oct-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%	790	753	773
	Ballia	0.00%	100.00%	0.00%	0.00%	767	736	751
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	766	783
	Fatehpur	0.00%	100.00%	0.00%	0.00%	772	739	757
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	753	775
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	763	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	754	774
	Sholapur	0.00%	99.93%	0.07%	0.07%	801	756	778
SR	Raichur	0.00%	100.00%	0.00%	0.00%	797	768	782
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	784	791
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	416	388	403
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	404
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	769	0	759
	Gaya	0.00%	100.00%	0.00%	0.00%	774	0	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	779	0	765
	Binaguri (400 kV)	0.00%	94.72%	5.28%	5.28%	421	402	413
NER	Balipara (400 kV)	0.00%	90.76%	5.49%	5.49%	427	400	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	405
	Misa (400 kV)	0.00%	95.97%	1.39%	1.39%	424	399	412

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