POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE

NEW DELHI

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

System Reliability Indices Report for: **22-Apr-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	36	9.00	37.50
2	ER-NR	0	0.00	0.00
3	NEW-SR	48	12.00	50.00
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 22-Apr-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	749	772
	Ballia	0.00%	100.00%	0.00%	0.00%	777	748	762
	Bhiwani	0.00%	97.71%	2.29%	2.29%	801	756	787
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	738	758
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	739	766
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	769	762	765
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	754	770
	Sholapur	0.00%	98.54%	0.97%	0.97%	807	750	783
SR	Raichur	0.00%	99.72%	0.00%	0.00%	800	765	783
	Nellore PS	0.00%	98.47%	0.00%	0.00%	800	765	783
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	410	385	400
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	410	394	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	767	773
	Gaya	0.00%	100.00%	0.00%	0.00%	779	749	765
	Sasaram	0.00%	100.00%	0.00%	0.00%	792	735	759
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	414	408	409
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	392	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	404
	Misa (400 kV)	0.00%	89.31%	3.54%	3.54%	424	403	413

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