POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE

NEW DELHI

Date of Reporting: **18-Apr-15**

System Reliability Indices Report for: **17-Apr-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	4	1.00	4.17
2	ER-NR	0	0.00	0.00
3	NEW-SR	4	1.00	4.17
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 17-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%	793	745	771
	Ballia	0.00%	100.00%	0.00%	0.00%	769	751	761
	Bhiwani	0.00%	82.78%	17.22%	17.22%	814	764	790
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	738	762
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	785	735	760
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	766	766	766
	Gwalior	0.00%	100.00%	0.00%	0.00%	786	748	769
	Sholapur	0.00%	93.54%	6.46%	6.46%	805	756	781
SR	Raichur	0.00%	95.35%	0.00%	0.00%	800	756	780
	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	769	780
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	417	384	400
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	760	744	754
	Gaya	0.00%	100.00%	0.00%	0.00%	775	754	767
	Sasaram	0.00%	100.00%	0.00%	0.00%	784	739	772
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	418	407	413
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	381	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	393	407
	Misa (400 kV)	0.00%	80.00%	16.67%	16.67%	425	401	414

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