POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE

NEW DELHI

Date of Reporting: **21-Apr-15**

System Reliability Indices Report for: **20-Apr-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	16	4.00	16.67
2	ER-NR	0	0.00	0.00
3	NEW-SR	24	6.00	25.00
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 20-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%	786	0	765
	Ballia	0.14%	100.00%	0.00%	0.14%	776	0	763
	Bhiwani	0.00%	90.52%	9.48%	9.48%	805	0	779
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	0	760
WR	Aurangabad	0.35%	99.65%	0.00%	0.35%	787	722	762
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	766	766	766
	Gwalior	0.00%	100.00%	0.00%	0.00%	777	742	761
	Sholapur	0.00%	99.72%	0.00%	0.00%	800	750	778
SR	Raichur	0.00%	100.00%	0.00%	0.00%	795	760	779
	Nellore PS	0.00%	100.00%	0.00%	0.00%	787	763	775
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	409	382	395
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	409	394	401
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	773	746	756
	Gaya	0.00%	100.00%	0.00%	0.00%	778	751	767
	Sasaram	0.00%	100.00%	0.00%	0.00%	790	765	778
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	411
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	386	400
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	386	401
	Misa (400 kV)	0.00%	99.86%	0.00%	0.00%	420	396	410

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