POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE

NEW DELHI

Date of Reporting: **24-Apr-15**

System Reliability Indices Report for: **23-Apr-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	26	6.50	27.08
2	ER-NR	0	0.00	0.00
3	NEW-SR	8	2.00	8.33
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	1	0.25	1.04
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 23-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%	788	749	770
	Ballia	0.00%	100.00%	0.00%	0.00%	773	747	761
	Bhiwani	0.00%	96.53%	3.47%	3.47%	803	757	786
	Fatehpur	0.00%	100.00%	0.00%	0.00%	771	732	756
WR	Aurangabad	0.07%	99.93%	0.00%	0.07%	793	726	762
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	773	754	761
	Gwalior	0.00%	100.00%	0.00%	0.00%	783	752	768
	Sholapur	0.00%	91.18%	5.21%	5.21%	809	755	786
SR	Raichur	0.00%	96.46%	0.00%	0.00%	800	764	787
	Nellore PS	0.00%	92.99%	0.00%	0.00%	800	780	792
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	413	383	400
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	411	392	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	777	762	772
	Gaya	0.00%	100.00%	0.00%	0.00%	777	747	764
	Sasaram	0.21%	99.79%	0.00%	0.21%	776	728	756
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	417	404	412
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	388	399
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	394	403
	Misa (400 kV)	0.00%	99.79%	0.00%	0.00%	420	403	413

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