POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE

NEW DELHI

Date of Reporting: **19-Jul-15**

System Reliability Indices Report for: **18-Jul-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	7	1.75	7.29
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	2	0.50	2.08
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 18-Jul-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%	785	756	775
	Ballia	0.00%	100.00%	0.00%	0.00%	766	743	754
	Bhiwani	0.00%	100.00%	0.00%	0.00%	792	769	780
	Fatehpur	0.00%	100.00%	0.00%	0.00%	770	742	756
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	771	733	756
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	766	750	758
	Gwalior	0.00%	100.00%	0.00%	0.00%	780	751	768
	Sholapur	0.00%	100.00%	0.00%	0.00%	797	756	777
SR	Raichur	0.00%	100.00%	0.00%	0.00%	790	759	777
	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	50	782
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	409	383	399
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	412	390	401
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	762	746	754
	Gaya	0.00%	100.00%	0.00%	0.00%	773	751	764
	Sasaram	0.00%	100.00%	0.00%	0.00%	746	746	746
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	406
NER	Balipara (400 kV)	0.08%	99.92%	0.00%	0.08%	408	0	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	406	397	401
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408

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