POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE

NEW DELHI

Date of Reporting: **5-Aug-15**

System Reliability Indices Report for: **4-Aug-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	54	13.50	56.25
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
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	44	11.00	45.83
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 04-Aug-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%	789	754	770
	Ballia	0.00%	100.00%	0.00%	0.00%	757	757	757
	Bhiwani	0.00%	100.00%	0.00%	0.00%	789	759	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	741	756
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	778	744	764
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	766	758	761
	Gwalior	0.00%	100.00%	0.00%	0.00%	786	753	769
	Sholapur	0.00%	91.53%	4.86%	4.86%	804	759	785
SR	Raichur	0.00%	98.13%	0.00%	0.00%	800	769	786
	Nellore PS	0.00%	82.27%	0.00%	0.00%	800	50	792
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	416	386	399
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	404
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	765	754	761
	Gaya	0.00%	100.00%	0.00%	0.00%	780	756	767
	Sasaram	0.00%	100.00%	0.00%	0.00%	768	740	753
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	413	404	408
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	411	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	398	403
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	410

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