POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE

NEW DELHI

Date of Reporting: **10-Aug-15**

System Reliability Indices Report for: **9-Aug-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	18	4.50	18.75
2	ER-NR	0	0.00	0.00
3	NEW-SR	39	9.75	40.63
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	14	3.50	14.58
2	ER-NR	0	0.00	0.00
3	NEW-SR	32	8.00	33.33
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 09-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%	799	760	781
	Ballia	0.00%	100.00%	0.00%	0.00%	757	757	757
	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	766	785
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	746	767
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	783	751	763
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	766	754	758
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	757	775
	Sholapur	0.00%	91.04%	8.47%	8.47%	811	772	790
SR	Raichur	0.00%	93.82%	0.00%	0.00%	800	779	791
	Nellore PS	0.00%	100.00%	0.00%	0.00%	765	765	765
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	414	392	403
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	411	397	404
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	765	750	756
	Gaya	0.00%	100.00%	0.00%	0.00%	782	751	768
	Sasaram	0.00%	100.00%	0.00%	0.00%	748	748	748
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	409
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	399	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	400	406
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	404	414

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