POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE

NEW DELHI

Date of Reporting: **22-Aug-15**

System Reliability Indices Report for: **21-Aug-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	30	7.50	31.25
2	ER-NR	0	0.00	0.00
3	NEW-SR	16	4.00	16.67
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 21-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%	796	0	777
	Ballia	0.63%	100.00%	0.00%	0.63%	770	0	756
	Bhiwani	0.00%	100.00%	0.00%	0.00%	795	0	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	0	765
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	787	739	763
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	756	756	756
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	765	779
	Sholapur	0.00%	93.88%	5.36%	5.36%	806	756	786
SR	Raichur	0.00%	100.00%	0.00%	0.00%	786	786	786
	Nellore PS	0.00%	51.29%	0.00%	0.00%	800	780	796
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	415	387	401
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	407
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	762	739	752
	Gaya	0.00%	100.00%	0.00%	0.00%	777	750	763
	Sasaram	0.00%	100.00%	0.00%	0.00%	766	738	752
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	406
NER	Balipara (400 kV)	0.00%	75.10%	14.46%	14.46%	423	413	418
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	398	404
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	410	414

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