POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE

NEW DELHI

Date of Reporting: **14-Dec-16**

System Reliability Indices Report for: **13-Dec-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	23	5.75	23.96
2	ER-NR	0	0.00	0.00
3	Import of NR	37	9.25	38.54
4	NEW-SR	8	2.00	8.33
5	NER Import	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	Import of NR	2	0.50	2.08
4	NEW-SR	0	0.00	0.00
4	NER Import	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 13-Dec-2016

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%	793	756	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	738	755
	Moga	0.00%	100.00%	0.00%	0.00%	799	761	782
	Phagi	0.00%	100.00%	0.00%	0.00%	799	768	780
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	751	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	763	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	764	778
	Sholapur	0.00%	96.88%	3.13%	3.13%	803	773	789
	Vadodara	0.00%	100.00%	0.00%	0.00%	789	789	789
SR	Nellore PS	0.00%	94.10%	5.90%	5.90%	802	771	787
	Raichur	0.00%	99.93%	0.07%	0.07%	801	761	786
	Thiruvalam	0.00%	35.24%	64.76%	64.76%	819	785	805
ER	Gaya	0.00%	100.00%	0.00%	0.00%	790	756	771
	Jharsuguda	0.00%	93.06%	6.94%	6.94%	802	778	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	771	780
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	393	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	400	413

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