POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE

NEW DELHI

Date of Reporting: **29-Dec-16**

System Reliability Indices Report for: **28-Dec-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	5	1.25	5.21
2	ER-NR	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	11	2.75	11.46
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	0	0.00	0.00
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 28-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%	790	755	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	745	760
	Moga	0.00%	99.86%	100.00%	100.00%	800	767	783
	Phagi	0.00%	100.00%	0.00%	0.00%	794	762	779
WR	Aurangabad	0.00%	99.51%	0.49%	0.49%	802	0	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	798	0	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	0	777
	Sholapur	0.00%	94.10%	5.90%	5.90%	809	768	791
	Vadodara	0.00%	100.00%	0.00%	0.00%	797	765	781
SR	Nellore PS	0.00%	88.82%	11.18%	11.18%	805	778	791
	Raichur	0.00%	99.24%	0.76%	0.76%	803	767	786
	Thiruvalam	0.00%	60.35%	39.65%	39.65%	815	789	800
ER	Gaya	0.00%	100.00%	0.00%	0.00%	789	761	774
	Jharsuguda	0.00%	88.82%	11.18%	11.18%	806	775	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	799	768	783
NER	Balipara (400 kV)	0.00%	99.72%	0.28%	0.28%	421	399	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	409
	Silchar (400 kV)	0.00%	80.42%	19.58%	19.58%	422	404	414

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