POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE

NEW DELHI

Date of Reporting: **3-Jan-17**

System Reliability Indices Report for: **2-Jan-17**

Percentage (%) of times ATC 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	Import of NR	13	3.25	13.54
4	NEW-SR	1	0.25	1.04
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	1	0.25	1.04
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 02-Jan-2017

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%	788	747	769
	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	754	763
	Anpara-D	0.00%	100.00%	0.00%	0.00%	782	754	763
	Anta	0.00%	100.00%	0.00%	0.00%	794	763	779
	Ballia	0.00%	100.00%	0.00%	0.00%	789	753	771
	Bhiwani	0.00%	81.88%	18.13%	18.13%	807	762	786
	Fatehpur	0.00%	100.00%	0.00%	0.00%	772	739	757
	Greater Noida	0.00%	100.00%	0.00%	0.00%	797	760	780
	Jhatikara	0.00%	96.46%	3.54%	3.54%	803	762	784
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	96.11%	3.89%	3.89%	802	762	782
	Lalitpur	0.00%	100.00%	0.00%	0.00%	790	772	782
	Meerut	0.00%	90.14%	6.39%	6.39%	806	760	783
	Moga	0.00%	100.00%	0.00%	0.00%	794	762	782
	Phagi	0.00%	100.00%	0.00%	0.00%	798	750	776
	Varanasi	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
	Unnao	0.00%	100.00%	0.00%	0.00%	776	752	755
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	750	772
	Aurangabad	0.00%	99.79%	0.21%	0.21%	801	744	772
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	749	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	749	760
	Bina	0.00%	100.00%	0.00%	0.00%	790	750	772
	Champa	0.00%	94.38%	4.24%	4.24%	802	776	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	763	775
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	740	768
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	749	774
	Indore	0.00%	100.00%	0.00%	0.00%	788	753	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	782	761	779
	Koradi	0.00%	100.00%	0.00%	0.00%	778	749	765
	Pune	0.00%	100.00%	0.00%	0.00%	796	745	767
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	775	787
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	787	764	778
	Sasan	0.00%	100.00%	0.00%	0.00%	773	752	764
	Seoni	0.00%	100.00%	0.00%	0.00%	784	753	770
	Sipat	0.00%	100.00%	0.00%	0.00%	771	750	759
	Solapur	0.00%	99.44%	0.56%	0.56%	809	751	780
	Tamnar	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
	Tirora	0.00%	100.00%	0.00%	0.00%	770	750	761
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	756	778
SR	Kurnool	0.00%	92.36%	7.64%	7.64%	807	771	788
	Nellore PS	0.00%	84.38%	15.63%	15.63%	808	774	788
	Raichur	0.00%	100.00%	0.00%	0.00%	800	762	782
	Srikakulam	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
	Thiruvalam	0.00%	55.49%	44.51%	44.51%	819	786	798
	Vemagiri	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
ER	Angul	0.00%	92.08%	7.92%	7.92%	802	781	791
	Gaya	0.00%	100.00%	0.00%	0.00%	788	755	771
	Jharsuguda	0.00%	88.82%	11.18%	11.18%	805	778	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	767	779
	Sasaram	0.00%	100.00%	0.00%	0.00%	766	736	753
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	405	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	408
	Bongaigaon TPS (400 kV)	0.00%	69.31%	30.69%	30.69%	425	407	417
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	400	400	400
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	400	400	405
	Misa (400 kV)	0.00%	72.50%	27.50%	27.50%	425	404	415
	Biswanath Chariali (400 kV)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
	Silchar (400 kV)	0.00%	70.00%	30.00%	30.00%	425	405	416

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