

**POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI**

**Date of Reporting: 31-Oct-16
System Reliability Indices Report for: 30-Oct-16**

Percentage (%) of times ATC 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	14	3.50	14.58
5	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	Import of NR	0	0.00	0.00
4	NEW-SR	1	0.25	1.04
4	ER-NER	4	1.00	4.17

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 30-Oct-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%	791	762	777
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	763	770
	Ballia	0.00%	100.00%	0.00%	0.00%	790	761	779
	Bhiwani	0.00%	71.25%	28.75%	28.75%	804	779	795
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	746	765
	Jhatikara	0.00%	100.00%	0.00%	0.00%	770	770	770
	Lucknow	0.00%	98.26%	1.74%	1.74%	801	769	788
	Meerut	0.00%	79.03%	14.58%	14.58%	807	775	793
	Moga	0.00%	96.39%	3.61%	3.61%	805	776	792
Phagi	0.00%	100.00%	0.00%	0.00%	800	767	785	
Unnao	0.00%	100.00%	0.00%	0.00%	775	747	762	
WR	Akola	0.00%	100.00%	0.00%	0.00%	777	747	764
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	753	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	754	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	759	768
	Bina	0.00%	100.00%	0.00%	0.00%	789	764	777
	Champa	0.00%	97.92%	0.69%	0.69%	801	787	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	767	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	758	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	767	781
	Indore	0.00%	100.00%	0.00%	0.00%	790	759	776
	Jabalpur	0.00%	100.00%	0.00%	0.00%	791	766	779
	Koradi	0.00%	100.00%	0.00%	0.00%	765	742	755
	Pune	0.00%	100.00%	0.00%	0.00%	796	742	777
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	784	791
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	786	777	784
	Sasan	0.00%	100.00%	0.00%	0.00%	777	764	770
	Satna	0.00%	100.00%	0.00%	0.00%	782	767	774
	Seoni	0.00%	100.00%	0.00%	0.00%	790	762	780
	Sipat	0.00%	100.00%	0.00%	0.00%	772	759	766
	Sholapur	0.00%	97.78%	2.22%	2.22%	805	756	789
Tamnar PS	0.00%	100.00%	0.00%	0.00%	798	784	792	
Tirora	0.00%	100.00%	0.00%	0.00%	762	745	755	
Vadodara	0.00%	98.13%	1.88%	1.88%	801	770	789	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	778	769	774	
Wardha	0.00%	100.00%	0.00%	0.00%	796	761	784	
SR	Nellore PS	0.00%	99.79%	0.21%	0.21%	800	767	790
	Raichur	0.00%	98.96%	1.04%	1.04%	802	767	789
	Kurnool	0.00%	83.06%	16.94%	16.94%	807	778	795
	Thiruvalam	0.00%	1.94%	98.06%	98.06%	812	795	806
ER	Angul	0.00%	100.00%	0.00%	0.00%	783	771	776
	Gaya	0.00%	100.00%	0.00%	0.00%	788	759	777
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	778	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	772	782
Sasaram	0.00%	100.00%	0.00%	0.00%	780	728	764	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	409
	Balipara (400 kV)	0.00%	90.97%	9.03%	9.03%	423	395	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	391	406
	Misa (400 kV)	0.00%	84.31%	15.69%	15.69%	424	399	415
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	412

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