

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

**Date of Reporting: 5-Sep-16
System Reliability Indices Report for: 4-Sep-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	0	0.00	0.00
5	ER-NER	16	4.00	16.67

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	ER-NER	13	3.25	13.54

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 04-Sep-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%	794	744	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	756	766
	Ballia	0.00%	100.00%	0.00%	0.00%	786	745	765
	Bhiwani	0.00%	98.26%	1.74%	1.74%	803	760	781
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	738	754
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	729	756
	Jhatikara	0.00%	99.31%	0.69%	0.69%	801	751	779
	Lucknow	0.00%	100.00%	0.00%	0.00%	787	744	764
	Meerut	0.00%	95.14%	2.36%	2.36%	804	751	781
	Moga	0.00%	100.00%	0.00%	0.00%	797	747	775
Phagi	0.00%	100.00%	0.00%	0.00%	799	766	783	
Unnao	0.00%	100.00%	0.00%	0.00%	771	730	748	
WR	Akola	0.00%	100.00%	0.00%	0.00%	784	760	772
	Aurangabad	0.00%	98.89%	1.11%	1.11%	805	765	785
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	765	778
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	762	770
	Bina	0.00%	100.00%	0.00%	0.00%	799	767	786
	Champa	0.00%	47.22%	40.83%	40.83%	805	790	799
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	768	779
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	760	781
	Gwalior	0.00%	99.65%	0.35%	0.35%	801	756	782
	Indore	0.00%	100.00%	0.00%	0.00%	790	766	778
	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	773	788
	Koradi	0.00%	100.00%	0.00%	0.00%	772	747	760
	Pune	0.00%	100.00%	0.00%	0.00%	778	736	760
	Raigarh PS (Kotra)	0.00%	74.03%	25.97%	25.97%	803	788	797
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	793	784	788
	Sasan	0.00%	100.00%	0.00%	0.00%	785	768	778
	Satna	0.00%	100.00%	0.00%	0.00%	795	769	786
	Seoni	0.00%	100.00%	0.00%	0.00%	796	774	785
	Sipat	0.00%	100.00%	0.00%	0.00%	773	762	768
	Sholapur	0.00%	86.67%	13.33%	13.33%	808	774	791
Tamnara PS	0.00%	91.53%	8.47%	8.47%	803	788	796	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	800	772	785	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	788	774	781	
Wardha	0.00%	91.94%	8.06%	8.06%	804	773	789	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	783	790
	Raichur	0.00%	92.71%	7.29%	7.29%	804	775	791
	Kurnool	0.00%	74.24%	25.76%	25.76%	806	787	796
	Thiruvalam	0.00%	13.06%	86.94%	86.94%	812	797	804
ER	Angul	0.00%	100.00%	0.00%	0.00%	786	765	778
	Gaya	0.00%	100.00%	0.00%	0.00%	785	749	767
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	778	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	770	784
	Sasaram	0.28%	99.72%	0.00%	0.28%	781	725	756
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	403	406
	Balipara (400 kV)	0.00%	99.93%	0.07%	0.07%	420	400	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	394	403
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	420	401	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	408

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