

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

**Date of Reporting: 5-Aug-16
System Reliability Indices Report for: 4-Aug-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	29	7.25	30.21
2	ER-NR	0	0.00	0.00
3	Import of NR	14	3.50	14.58
4	NEW-SR	0	0.00	0.00
5	ER-NER	4	1.00	4.17

Percentage(%) of times (N-1) Criteria was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	6	1.50	6.25
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	ER-NER	1	0.25	1.04

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-Aug-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	747	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	746	759
	Ballia	0.00%	100.00%	0.00%	0.00%	789	746	767
	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	756	779
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	734	754
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	743	766
	Jhatikara	0.00%	100.00%	0.00%	0.00%	789	789	789
	Lucknow	0.00%	100.00%	0.00%	0.00%	796	746	770
	Meerut	0.00%	90.90%	7.36%	7.36%	806	760	785
	Moga	0.00%	100.00%	0.00%	0.00%	793	755	777
Phagi	0.00%	100.00%	0.00%	0.00%	796	740	778	
Unnao	4.17%	95.83%	0.00%	4.17%	769	725	746	
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	764	778
	Aurangabad	0.00%	90.28%	9.72%	9.72%	807	763	791
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	752	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	754	766
	Bina	0.00%	100.00%	0.00%	0.00%	793	753	778
	Champa	0.00%	34.93%	54.93%	54.93%	813	789	802
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	772	777
	Dhule (BDTCL)	0.00%	98.61%	1.39%	1.39%	801	771	788
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	749	777
	Indore	0.00%	100.00%	0.00%	0.00%	788	757	776
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	758	788
	Koradi	0.00%	100.00%	0.00%	0.00%	765	748	758
	Pune	0.00%	100.00%	0.00%	0.00%	787	749	767
	Raigarh PS (Kotra)	0.00%	75.97%	24.03%	24.03%	805	789	797
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	799	780	788
	Sasan	0.00%	100.00%	0.00%	0.00%	784	759	773
	Satna	0.00%	100.00%	0.00%	0.00%	792	760	779
	Seoni	0.00%	100.00%	0.00%	0.00%	796	756	780
	Sipat	0.00%	100.00%	0.00%	0.00%	771	754	764
	Sholapur	0.00%	77.71%	20.76%	20.76%	810	765	793
Tamnara PS	0.00%	93.54%	6.46%	6.46%	803	787	795	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	773	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	789	764	776	
Wardha	0.00%	88.06%	11.94%	11.94%	809	769	790	
SR	Nellore PS	0.00%	99.10%	0.90%	0.90%	801	774	789
	Raichur	0.00%	94.31%	5.69%	5.69%	811	759	792
	Kurnool	0.00%	80.35%	19.65%	19.65%	811	768	794
	Thiruvalam	0.00%	75.90%	24.10%	24.10%	811	781	797
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	769	783
	Gaya	0.00%	100.00%	0.00%	0.00%	787	750	768
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	775	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	764	782
Sasaram	0.21%	99.79%	0.00%	0.21%	782	727	753	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	391	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	391	404
	Misa (400 kV)	0.00%	99.44%	0.56%	0.56%	420	393	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	409

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