

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

**Date of Reporting: 27-Jul-16
System Reliability Indices Report for: 26-Jul-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	23	5.75	23.96
2	ER-NR	0	0.00	0.00
3	Import of NR	17	4.25	17.71
4	NEW-SR	11	2.75	11.46
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	4	1.00	4.17
2	ER-NR	0	0.00	0.00
3	Import of NR	1	0.25	1.04
4	NEW-SR	0	0.00	0.00
4	ER-NER	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 26-Jul-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	759	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	760	766
	Ballia	0.00%	100.00%	0.00%	0.00%	800	768	781
	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	761	781
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	753	768
	Jhatikara	0.00%	100.00%	0.00%	0.00%	770	770	770
	Lucknow	0.00%	98.50%	1.50%	1.50%	803	771	782
	Meerut	0.00%	89.68%	6.66%	6.66%	804	770	789
	Moga	0.00%	100.00%	0.00%	0.00%	796	775	787
	Phagi	0.00%	100.00%	0.00%	0.00%	790	762	775
Unnao	0.00%	100.00%	0.00%	0.00%	771	745	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	778	752	767
	Aurangabad	0.00%	97.83%	2.17%	2.17%	803	776	787
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	759	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	766	772
	Bina	0.00%	100.00%	0.00%	0.00%	788	768	777
	Champa	0.00%	95.28%	3.22%	3.22%	802	785	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	775	777
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	760	783
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	762	776
	Indore	0.00%	100.00%	0.00%	0.00%	786	761	776
	Jabalpur	0.00%	100.00%	0.00%	0.00%	789	772	781
	Koradi	0.00%	100.00%	0.00%	0.00%	760	743	747
	Pune	0.00%	100.00%	0.00%	0.00%	798	730	770
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	800	787	793
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	793	774	783
	Sasan	0.00%	100.00%	0.00%	0.00%	772	761	766
	Satna	0.00%	100.00%	0.00%	0.00%	779	763	771
	Seoni	0.00%	100.00%	0.00%	0.00%	785	767	779
	Sipat	0.00%	100.00%	0.00%	0.00%	774	765	770
	Sholapur	0.00%	68.56%	28.22%	28.22%	808	767	792
Tamnara PS	0.00%	100.00%	0.00%	0.00%	798	785	791	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	759	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	775	766	769	
Wardha	0.00%	97.90%	2.10%	2.10%	803	765	785	
SR	Nellore PS	0.00%	92.22%	7.78%	7.78%	803	775	788
	Raichur	0.00%	89.60%	10.40%	10.40%	808	768	789
	Kurnool	0.00%	61.56%	38.44%	38.44%	812	780	797
	Thiruvalam	0.00%	59.01%	40.99%	40.99%	816	789	801
ER	Angul	0.00%	100.00%	0.00%	0.00%	787	775	781
	Gaya	0.00%	100.00%	0.00%	0.00%	793	763	777
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	781	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	778	786
Sasaram	0.00%	100.00%	0.00%	0.00%	790	737	753	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	406	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	409
	Misa (400 kV)	0.00%	91.70%	8.30%	8.30%	422	400	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	411

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