

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

**Date of Reporting: 16-Jul-16
System Reliability Indices Report for: 15-Jul-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	2	0.50	2.08
4	NEW-SR	19	4.75	19.79
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	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 15-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%	751	751	751
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	752	762
	Ballia	0.00%	100.00%	0.00%	0.00%	798	754	772
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	762	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	743	757
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	749	767
	Jhatikara	0.00%	100.00%	0.00%	0.00%	770	770	770
	Lucknow	0.00%	99.44%	0.56%	0.56%	801	757	775
	Meerut	0.00%	95.56%	2.36%	2.36%	807	760	781
	Moga	0.00%	100.00%	0.00%	0.00%	793	759	774
Phagi	0.00%	100.00%	0.00%	0.00%	792	765	779	
Unnao	0.00%	100.00%	0.00%	0.00%	771	731	749	
WR	Akola	0.00%	100.00%	0.00%	0.00%	784	751	770
	Aurangabad	0.00%	98.26%	1.74%	1.74%	802	748	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	759	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	764	771
	Bina	0.00%	100.00%	0.00%	0.00%	793	768	782
	Champa	0.00%	90.07%	4.72%	4.72%	803	786	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	772	778
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	760	783
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	764	781
	Indore	0.00%	100.00%	0.00%	0.00%	784	758	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	771	784
	Koradi	0.00%	100.00%	0.00%	0.00%	765	739	754
	Pune	0.00%	100.00%	0.00%	0.00%	798	740	765
	Raigarh PS (Kotra)	0.00%	99.17%	0.83%	0.83%	801	787	795
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	789	780	785
	Sasan	0.00%	100.00%	0.00%	0.00%	780	764	773
	Satna	0.00%	100.00%	0.00%	0.00%	791	768	780
	Seoni	0.00%	100.00%	0.00%	0.00%	786	765	774
	Sipat	0.00%	100.00%	0.00%	0.00%	774	763	769
	Sholapur	0.00%	88.82%	7.08%	7.08%	804	749	786
Tamnara PS	0.00%	100.00%	0.00%	0.00%	798	785	793	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	762	776	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	766	775	
Wardha	0.00%	96.81%	3.19%	3.19%	803	762	785	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	760	778
	Raichur	0.00%	98.82%	1.18%	1.18%	803	749	784
	Kurnool	0.00%	98.96%	1.04%	1.04%	802	755	786
	Thiruvalam	0.00%	90.00%	10.00%	10.00%	801	771	788
ER	Angul	0.00%	100.00%	0.00%	0.00%	788	772	780
	Gaya	0.00%	100.00%	0.00%	0.00%	793	757	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	781	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	769	781
Sasaram	0.14%	99.86%	0.00%	0.14%	786	728	761	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	394	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	406
	Misa (400 kV)	0.00%	95.90%	4.10%	4.10%	422	398	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	399	408

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