

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

**Date of Reporting: 3-Jul-16
System Reliability Indices Report for: 2-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	0	0.00	0.00
4	NEW-SR	5	1.25	5.21
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 02-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%	99.93%	0.00%	0.00%	800	754	778
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	755	772
	Ballia	0.00%	100.00%	0.00%	0.00%	788	746	768
	Bhiwani	0.00%	69.38%	30.63%	30.63%	807	768	788
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	733	761
	Jhatikara	0.00%	97.36%	2.64%	2.64%	804	766	785
	Lucknow	0.00%	80.97%	19.03%	19.03%	810	757	784
	Meerut	0.00%	61.39%	37.92%	37.92%	814	769	792
	Moga	0.00%	100.00%	0.00%	0.00%	780	761	772
Phagi	0.00%	94.10%	5.90%	5.90%	803	756	782	
Unnao	0.00%	100.00%	0.00%	0.00%	784	734	762	
WR	Akola	0.00%	100.00%	0.00%	0.00%	783	751	769
	Aurangabad	0.00%	91.94%	8.06%	8.06%	806	754	789
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	754	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	783	763	772
	Bina	0.00%	96.81%	3.19%	3.19%	803	759	782
	Champa	0.00%	64.44%	26.11%	26.11%	808	785	797
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	771	782
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	800	763	784
	Gwalior	0.00%	96.32%	3.68%	3.68%	803	754	782
	Indore	0.00%	100.00%	0.00%	0.00%	799	758	775
	Jabalpur	0.00%	95.90%	4.10%	4.10%	803	767	785
	Koradi	0.00%	100.00%	0.00%	0.00%	764	739	753
	Pune	0.00%	99.58%	0.00%	0.00%	800	746	783
	Raigarh PS (Kotra)	0.00%	93.19%	6.81%	6.81%	803	785	795
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	795	776	789
	Sasan	0.00%	100.00%	0.00%	0.00%	785	762	776
	Satna	0.00%	100.00%	0.00%	0.00%	798	759	782
	Seoni	0.00%	99.58%	0.42%	0.42%	800	770	785
	Sipat	0.00%	100.00%	0.00%	0.00%	779	762	770
	Sholapur	0.00%	56.11%	37.08%	37.08%	809	760	796
Tamnara PS	0.00%	95.90%	4.10%	4.10%	802	785	794	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	99.17%	0.83%	0.83%	801	762	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	785	766	779	
Wardha	0.00%	95.07%	4.93%	4.93%	805	761	788	
SR	Nellore PS	0.00%	97.01%	2.99%	2.99%	803	769	788
	Raichur	0.00%	89.72%	10.28%	10.28%	805	756	791
	Kurnool	0.00%	87.43%	12.57%	12.57%	807	758	791
	Thiruvalam	0.00%	64.31%	35.69%	35.69%	817	774	797
ER	Angul	0.00%	100.00%	0.00%	0.00%	790	772	783
	Gaya	0.00%	100.00%	0.00%	0.00%	780	745	763
	Jharsuguda	0.00%	93.06%	6.94%	6.94%	803	779	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	787	787
Sasaram	0.00%	100.00%	0.00%	0.00%	779	747	764	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	406	408
	Balipara (400 kV)	0.00%	97.57%	2.43%	2.43%	422	402	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	411
	Misa (400 kV)	0.00%	96.88%	3.13%	3.13%	423	403	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	407	413

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