

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

**System Reliability Indices Report for the week from
20-Jun-2016 to 26-Jun-2016**

Date: 30-Jun-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	123	30.75	18.30
2	ER-NR	0	0.00	0.00
3	Import of NR	271	67.75	40.33
4	NEW-SR	2	0.50	0.30
5	ER-NER	26	6.50	3.87

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	20	5.00	2.98
2	ER-NR	0	0.00	0.00
3	Import of NR	60	15.00	8.93
4	NEW-SR	0	0.00	0.00
4	ER-NER	26	6.50	3.87

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 week from 20-Jun-2016 to 26-Jun-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%	99.99%	0.00%	0.00%	800	731	764
	Anpara-C	0.00%	100.00%	0.00%	0.00%	787	744	762
	Ballia	0.00%	100.00%	0.00%	0.00%	798	730	762
	Bhiwani	0.00%	100.00%	0.00%	0.00%	795	746	774
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	731	758
	Fatehpur	0.49%	99.22%	0.00%	0.49%	792	717	758
	Jhatikara	0.00%	100.00%	0.00%	0.00%	791	738	767
	Lucknow	0.00%	99.31%	0.69%	0.69%	806	737	769
	Meerut	0.00%	98.06%	1.30%	1.30%	805	750	779
	Moga	0.00%	100.00%	0.00%	0.00%	793	747	770
	Phagi	0.00%	100.00%	0.00%	0.00%	794	729	764
Unnao	1.10%	98.90%	0.00%	1.10%	782	705	750	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	741	772
	Aurangabad	0.00%	96.42%	3.58%	3.58%	807	751	785
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	741	763
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	752	765
	Bina	0.00%	100.00%	0.00%	0.00%	789	747	769
	Champa	0.00%	99.13%	0.20%	0.20%	802	777	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	754	770
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	753	786
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	743	770
	Indore	0.00%	100.00%	0.00%	0.00%	784	745	766
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	748	771
	Koradi	0.00%	100.00%	0.00%	0.00%	772	742	760
	Pune	0.00%	89.98%	0.00%	0.00%	800	755	785
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	777	788
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	793	766	781
	Sasan	0.00%	100.00%	0.00%	0.00%	775	754	765
	Satna	0.00%	100.00%	0.00%	0.00%	784	750	766
	Seoni	0.00%	100.00%	0.00%	0.00%	791	757	777
	Sipat	0.00%	100.00%	0.00%	0.00%	771	753	763
	Sholapur	0.00%	55.61%	40.76%	40.76%	817	761	797
Tamnara PS	0.00%	100.00%	0.00%	0.00%	797	775	788	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	788	745	771	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	778	758	767	
Wardha	0.00%	96.20%	3.80%	3.80%	805	755	786	
SR	Nellore PS	0.00%	97.24%	2.76%	2.76%	804	773	789
	Raichur	0.00%	70.84%	29.16%	29.16%	814	758	795
	Kurnool	0.00%	66.81%	33.19%	33.19%	816	767	796
	Thiruvalam	0.00%	44.58%	55.42%	55.42%	819	781	801
ER	Angul	0.00%	100.00%	0.00%	0.00%	788	763	777
	Gaya	0.00%	100.00%	0.00%	0.00%	793	730	760
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	767	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	764	783
	Sasaram	1.40%	98.60%	0.00%	1.40%	788	715	756
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	408
	Balipara (400 kV)	0.00%	99.53%	0.47%	0.47%	427	381	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	392	409
	Misa (400 kV)	0.00%	98.52%	1.48%	1.48%	426	386	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	410

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