

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

**System Reliability Indices Report for the week from
15-Aug-2016 to 21-Aug-2016**

Date: 25-Aug-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	2	0.50	0.30
2	ER-NR	0	0.00	0.00
3	Import of NR	41	10.25	6.10
4	NEW-SR	32	8.00	4.76
5	ER-NER	223	55.75	33.18

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	1	0.25	0.15
4	ER-NER	193	48.25	28.72

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 15-Aug-2016 to 21-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%	799	749	777
	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	760	774
	Ballia	0.00%	99.89%	0.11%	0.11%	801	758	780
	Bhiwani	0.00%	100.00%	0.00%	0.00%	778	778	778
	Bareilly	71.19%	28.81%	0.00%	71.19%	760	718	730
	Fatehpur	0.00%	100.00%	0.00%	0.00%	796	744	773
	Jhatikara	0.00%	98.89%	1.11%	1.11%	804	758	782
	Lucknow	0.00%	100.00%	0.00%	0.00%	800	757	779
	Meerut	0.00%	76.84%	19.62%	19.62%	814	761	791
	Moga	0.00%	99.69%	0.31%	0.31%	803	757	782
Phagi	0.00%	100.00%	0.00%	0.00%	798	757	780	
Unnao	0.00%	100.00%	0.00%	0.00%	782	741	764	
WR	Akola	0.00%	100.00%	0.00%	0.00%	798	744	772
	Aurangabad	0.00%	97.85%	2.15%	2.15%	809	750	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	758	775
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	759	769
	Bina	0.00%	100.00%	0.00%	0.00%	791	755	777
	Champa	0.00%	82.20%	13.15%	13.15%	808	784	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	770	778
	Dhule (BDTCL)	0.00%	99.84%	0.16%	0.16%	804	753	783
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	752	779
	Indore	0.00%	100.00%	0.00%	0.00%	788	760	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	763	780
	Koradi	0.00%	100.00%	0.00%	0.00%	777	733	757
	Pune	0.00%	99.98%	0.00%	0.00%	800	731	768
	Raigarh PS (Kotra)	0.00%	96.05%	3.95%	3.95%	804	781	793
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	794	775	785
	Sasan	0.00%	100.00%	0.00%	0.00%	789	761	775
	Satna	0.00%	100.00%	0.00%	0.00%	798	762	782
	Seoni	0.00%	100.00%	0.00%	0.00%	797	763	782
	Sipat	0.00%	100.00%	0.00%	0.00%	776	759	767
	Sholapur	0.00%	89.13%	10.35%	10.35%	816	752	790
Tamnara PS	0.00%	98.02%	1.98%	1.98%	803	782	792	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	99.96%	0.04%	0.04%	801	765	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	791	766	778	
Wardha	0.00%	98.45%	1.55%	1.55%	807	764	786	
SR	Nellore PS	0.00%	99.79%	0.21%	0.21%	803	765	782
	Raichur	0.00%	96.82%	3.18%	3.18%	811	759	786
	Kurnool	0.00%	93.15%	6.85%	6.85%	811	767	789
	Thiruvalam	0.00%	82.23%	17.77%	17.77%	812	771	792
ER	Angul	0.00%	100.00%	0.00%	0.00%	787	762	775
	Gaya	0.00%	100.00%	0.00%	0.00%	799	760	780
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	775	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	798	775	788
Sasaram	0.30%	99.70%	0.00%	0.30%	794	716	760	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	399	407
	Balipara (400 kV)	0.00%	97.89%	2.11%	2.11%	430	386	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	383	405
	Misa (400 kV)	0.01%	97.77%	2.22%	2.23%	431	367	410
	Silchar (400 kV)	0.00%	99.60%	0.40%	0.40%	421	396	409

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