

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

**System Reliability Indices Report for the week from
19-Sep-2016 to 25-Sep-2016**

Date: 30-Sep-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	166	41.50	24.70
2	ER-NR	0	0.00	0.00
3	Import of NR	156	39.00	23.21
4	NEW-SR	3	0.75	0.45
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	21	5.25	3.13
2	ER-NR	0	0.00	0.00
3	Import of NR	27	6.75	4.02
4	NEW-SR	0	0.00	0.00
4	ER-NER	207	51.75	30.80

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 19-Sep-2016 to 25-Sep-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%	797	742	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	757	767
	Ballia	0.00%	100.00%	0.00%	0.00%	793	751	772
	Bhiwani	0.00%	99.55%	0.45%	0.45%	801	755	781
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	750	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	740	760
	Jhatikara	0.00%	99.97%	0.03%	0.03%	800	751	778
	Lucknow	0.00%	100.00%	0.00%	0.00%	797	751	775
	Meerut	0.00%	92.63%	6.16%	6.16%	811	756	786
	Moga	0.00%	96.27%	3.73%	3.73%	805	761	783
Phagi	0.00%	100.00%	0.00%	0.00%	796	748	775	
Unnao	0.00%	100.00%	0.00%	0.00%	771	730	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	779	744	765
	Aurangabad	0.00%	99.14%	0.86%	0.86%	805	747	786
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	752	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	779	758	768
	Bina	0.00%	100.00%	0.00%	0.00%	796	757	779
	Champa	0.00%	94.65%	0.72%	0.72%	801	782	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	765	777
	Dhule (BDTCL)	0.00%	99.98%	0.02%	0.02%	805	751	788
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	752	779
	Indore	0.00%	100.00%	0.00%	0.00%	792	755	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	763	781
	Koradi	0.00%	100.00%	0.00%	0.00%	759	735	749
	Pune	0.00%	100.00%	0.00%	0.00%	798	733	766
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	782	792
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	792	774	783
	Sasan	0.00%	100.00%	0.00%	0.00%	781	758	770
	Satna	0.00%	100.00%	0.00%	0.00%	791	758	776
	Seoni	0.00%	100.00%	0.00%	0.00%	795	762	781
	Sipat	0.00%	100.00%	0.00%	0.00%	777	759	767
	Sholapur	0.00%	81.31%	18.69%	18.69%	812	762	793
Tamnara PS	0.00%	100.00%	0.00%	0.00%	798	783	791	
Tirora	0.00%	100.00%	0.00%	0.00%	759	741	751	
Vadodara	0.00%	99.28%	0.72%	0.72%	804	761	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	782	763	773	
Wardha	0.00%	97.58%	2.42%	2.42%	804	756	787	
SR	Nellore PS	0.00%	97.79%	2.21%	2.21%	803	772	789
	Raichur	0.00%	94.53%	5.47%	5.47%	807	768	792
	Kurnool	0.00%	75.45%	24.55%	24.55%	811	773	795
	Thiruvalam	0.00%	58.95%	41.05%	41.05%	814	779	797
ER	Angul	0.00%	100.00%	0.00%	0.00%	785	762	775
	Gaya	0.00%	100.00%	0.00%	0.00%	790	747	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	774	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	757	781
Sasaram	0.00%	100.00%	0.00%	0.00%	789	731	760	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	407
	Balipara (400 kV)	0.00%	94.88%	5.12%	5.12%	425	400	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	393	406
	Misa (400 kV)	0.00%	93.12%	6.88%	6.88%	426	403	414
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	409

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