

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

**System Reliability Indices Report for the week from
26-Sep-2016 to 02-Oct-2016**

Date: 6-Oct-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	50	12.50	7.44
2	ER-NR	3	0.75	0.45
3	Import of NR	110	27.50	16.37
4	NEW-SR	25	6.25	3.72
5	ER-NER	228	57.00	33.93

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	4	1.00	0.60
2	ER-NR	0	0.00	0.00
3	Import of NR	4	1.00	0.60
4	NEW-SR	0	0.00	0.00
4	ER-NER	204	51.00	30.36

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 26-Sep-2016 to 02-Oct-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%	796	747	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	782	750	772
	Ballia	0.00%	100.00%	0.00%	0.00%	794	752	775
	Bhiwani	0.00%	99.73%	0.27%	0.27%	802	760	780
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	748	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	739	763
	Jhatikara	0.00%	100.00%	0.00%	0.00%	800	755	779
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	752	775
	Meerut	0.00%	98.77%	0.55%	0.55%	803	760	784
	Moga	0.00%	100.00%	0.00%	0.00%	796	759	778
Phagi	0.00%	100.00%	0.00%	0.00%	799	753	774	
Unnao	0.00%	100.00%	0.00%	0.00%	776	736	758	
WR	Akola	0.00%	100.00%	0.00%	0.00%	780	744	766
	Aurangabad	0.00%	98.54%	1.46%	1.46%	806	749	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	749	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	779	756	765
	Bina	0.00%	100.00%	0.00%	0.00%	799	759	781
	Champa	0.00%	94.90%	4.08%	4.08%	809	778	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	763	778
	Dhule (BDTCL)	0.00%	98.26%	1.74%	1.74%	803	746	784
	Gwalior	0.00%	99.87%	0.13%	0.13%	802	755	780
	Indore	0.00%	100.00%	0.00%	0.00%	798	747	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	764	781
	Koradi	0.00%	100.00%	0.00%	0.00%	769	733	752
	Pune	0.02%	99.40%	0.00%	0.02%	800	727	769
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	775	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	792	769	779
	Sasan	0.00%	100.00%	0.00%	0.00%	789	763	777
	Satna	0.00%	100.00%	0.00%	0.00%	799	762	783
	Seoni	0.00%	100.00%	0.00%	0.00%	797	760	780
	Sipat	0.00%	100.00%	0.00%	0.00%	775	755	764
	Sholapur	0.00%	81.79%	18.21%	18.21%	813	759	792
Tamnara PS	0.00%	100.00%	0.00%	0.00%	799	775	787	
Tirora	0.00%	100.00%	0.00%	0.00%	764	739	753	
Vadodara	0.00%	99.86%	0.14%	0.14%	802	760	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	788	768	779	
Wardha	0.00%	99.71%	0.29%	0.29%	806	755	784	
SR	Nellore PS	0.00%	95.07%	4.93%	4.93%	806	772	788
	Raichur	0.00%	90.55%	9.45%	9.45%	807	764	790
	Kurnool	0.00%	80.65%	19.35%	19.35%	810	770	794
	Thiruvalam	0.00%	62.22%	37.78%	37.78%	815	779	797
ER	Angul	0.00%	100.00%	0.00%	0.00%	784	753	770
	Gaya	0.00%	100.00%	0.00%	0.00%	791	750	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	772	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	762	779
Sasaram	0.00%	100.00%	0.00%	0.00%	790	728	755	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	400	406
	Balipara (400 kV)	0.00%	99.96%	0.04%	0.04%	425	390	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	386	400
	Misa (400 kV)	0.00%	99.96%	0.04%	0.04%	423	394	410
	Silchar (400 kV)	0.09%	99.91%	0.00%	0.09%	416	350	408

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