

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

**System Reliability Indices Report for the week from
25-Apr-2016 to 01-May-2016**

Date: 4-May-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	71	17.75	10.57
2	ER-NR	0	0.00	0.00
3	Import of NR	184	46.00	27.38
4	NEW-SR	1	0.25	0.15
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	13	3.25	1.93
2	ER-NR	0	0.00	0.00
3	Import of NR	32	8.00	4.76
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 week from 25-Apr-2016 to 01-May-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%	792	737	767
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	755	763
	Ballia	0.00%	100.00%	0.00%	0.00%	782	738	761
	Bhiwani	0.00%	99.41%	0.59%	0.59%	807	759	779
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	741	756
	Fatehpur	0.25%	99.48%	0.00%	0.25%	778	726	752
	Jhatikara	0.00%	99.70%	0.30%	0.30%	804	752	779
	Lucknow	0.00%	100.00%	0.00%	0.00%	786	744	764
	Meerut	0.00%	96.47%	2.82%	2.82%	815	753	781
	Moga	0.00%	99.80%	0.20%	0.20%	807	755	780
Phagi	0.00%	100.00%	0.00%	0.00%	792	735	763	
Unnao	0.00%	100.00%	0.00%	0.00%	775	728	750	
WR	Akola	0.00%	100.00%	0.00%	0.00%	784	746	760
	Aurangabad	0.00%	99.53%	0.47%	0.47%	804	753	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	748	765
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	753	760
	Bina	0.00%	100.00%	0.00%	0.00%	796	751	770
	Champa	0.00%	99.73%	0.04%	0.04%	803	776	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	759	771
	Dhule (BDTCL)	0.00%	99.86%	0.14%	0.14%	801	755	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	742	770
	Indore	0.00%	100.00%	0.00%	0.00%	783	736	760
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	757	773
	Koradi	0.00%	100.00%	0.00%	0.00%	772	741	755
	Pune	0.00%	99.72%	0.00%	0.00%	800	747	779
	Raigarh PS (Kotra)	0.01%	96.80%	3.19%	3.20%	806	700	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	796	764	783
	Sasan	0.00%	100.00%	0.00%	0.00%	780	742	764
	Satna	0.00%	100.00%	0.00%	0.00%	792	749	766
	Seoni	0.00%	100.00%	0.00%	0.00%	794	761	776
	Sipat	0.00%	100.00%	0.00%	0.00%	774	752	761
	Sholapur	0.01%	90.21%	7.08%	7.09%	814	701	788
Tamnara PS	0.00%	96.99%	3.01%	3.01%	805	776	787	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	751	776	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	783	758	766	
Wardha	0.00%	98.87%	1.13%	1.13%	804	765	784	
SR	Nellore PS	0.00%	99.41%	0.59%	0.59%	806	776	787
	Raichur	0.00%	91.06%	8.94%	8.94%	814	767	790
	Kurnool	0.00%	74.96%	25.04%	25.04%	818	776	795
	Thiruvalam	0.00%	86.64%	13.36%	13.36%	810	777	793
ER	Angul	0.00%	100.00%	0.00%	0.00%	783	740	769
	Gaya	0.00%	100.00%	0.00%	0.00%	781	739	758
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	769	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	799	766	780
Sasaram	0.07%	99.93%	0.00%	0.07%	789	727	756	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	408
	Balipara (400 kV)	0.00%	99.04%	0.96%	0.96%	422	389	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	386	405
	Misa (400 kV)	0.00%	93.54%	6.46%	6.46%	426	390	411
	Silchar (400 kV)	0.00%	93.03%	6.97%	6.97%	426	387	412

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