

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

**System Reliability Indices Report for the week from
02-May-2016 to 08-May-2016**

Date: 11-May-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	10	2.50	1.49
2	ER-NR	96	24.00	14.29
3	Import of NR	367	91.75	54.61
4	NEW-SR	25	6.25	3.72
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	0	0.00	0.00
2	ER-NR	90	22.50	13.39
3	Import of NR	132	33.00	19.64
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 02-May-2016 to 08-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%	795	745	769
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	753	763
	Ballia	0.00%	100.00%	0.00%	0.00%	790	739	762
	Bhiwani	0.00%	98.58%	1.42%	1.42%	808	757	779
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	739	757
	Fatehpur	0.01%	99.98%	0.00%	0.01%	783	724	756
	Jhatikara	0.00%	100.00%	0.00%	0.00%	798	752	774
	Lucknow	0.00%	100.00%	0.00%	0.00%	793	741	765
	Meerut	0.00%	98.05%	1.48%	1.48%	811	757	780
	Moga	0.00%	99.47%	0.53%	0.53%	803	757	775
	Phagi	0.00%	100.00%	0.00%	0.00%	789	739	763
Unnao	0.10%	99.90%	0.00%	0.10%	783	727	752	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	737	760
	Aurangabad	0.00%	99.01%	0.99%	0.99%	806	741	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	748	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	781	756	767
	Bina	0.00%	100.00%	0.00%	0.00%	794	758	775
	Champa	0.00%	98.49%	0.57%	0.57%	806	778	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	765	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	733	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	753	774
	Indore	0.00%	100.00%	0.00%	0.00%	784	739	761
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	763	779
	Koradi	0.00%	100.00%	0.00%	0.00%	773	733	751
	Pune	0.00%	100.00%	0.00%	0.00%	784	753	764
	Raigarh PS (Kotra)	0.00%	82.32%	17.68%	17.68%	808	778	796
	Raipur PS (Durg)	0.00%	98.91%	1.09%	1.09%	806	774	792
	Sasan	0.00%	100.00%	0.00%	0.00%	779	759	769
	Satna	0.00%	100.00%	0.00%	0.00%	787	757	772
	Seoni	0.00%	100.00%	0.00%	0.00%	796	761	778
	Sipat	0.00%	100.00%	0.00%	0.00%	777	755	766
	Sholapur	0.00%	89.06%	8.32%	8.32%	811	761	786
Tamnara PS	0.00%	80.37%	19.63%	19.63%	808	784	797	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	754	776	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	762	772	
Wardha	0.00%	98.52%	1.48%	1.48%	806	763	785	
SR	Nellore PS	0.00%	99.96%	0.04%	0.04%	801	760	778
	Raichur	0.00%	78.17%	21.83%	21.83%	811	763	790
	Kurnool	0.00%	72.14%	27.86%	27.86%	815	768	793
	Thiruvalam	0.00%	82.24%	17.76%	17.76%	811	776	793
ER	Angul	0.00%	100.00%	0.00%	0.00%	785	764	775
	Gaya	0.00%	100.00%	0.00%	0.00%	787	734	760
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	774	787
	Ranchi	0.00%	99.99%	0.01%	0.01%	800	769	787
	Sasaram	0.00%	100.00%	0.00%	0.00%	774	732	754
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	409
	Balipara (400 kV)	0.00%	99.87%	0.13%	0.13%	421	388	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	381	405
	Misa (400 kV)	0.00%	98.71%	1.29%	1.29%	426	388	411
	Silchar (400 kV)	0.00%	95.41%	4.59%	4.59%	424	395	413

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