

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

**Date of Reporting: 28-May-16
System Reliability Indices Report for: 27-May-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	22	5.50	22.92
2	ER-NR	0	0.00	0.00
3	Import of NR	69	17.25	71.88
4	NEW-SR	6	1.50	6.25
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	0	0.00	0.00
3	Import of NR	22	5.50	22.92
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 day of 27-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%	786	739	766
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	755	761
	Ballia	0.00%	100.00%	0.00%	0.00%	779	738	758
	Bhiwani	0.00%	100.00%	0.00%	0.00%	787	750	771
	Bareilly	0.63%	99.38%	0.00%	0.63%	760	727	751
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	733	752
	Jhatikara	0.00%	100.00%	0.00%	0.00%	781	740	763
	Lucknow	0.00%	100.00%	0.00%	0.00%	781	739	758
	Meerut	0.00%	100.00%	0.00%	0.00%	794	747	773
	Moga	0.00%	100.00%	0.00%	0.00%	786	751	770
	Phagi	0.00%	100.00%	0.00%	0.00%	775	731	758
Unnao	0.35%	99.65%	0.00%	0.35%	767	720	751	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	745	764
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	746	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	740	762
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	755	765
	Bina	0.00%	100.00%	0.00%	0.00%	784	745	767
	Champa	0.00%	100.00%	0.00%	0.00%	798	774	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	763	773
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	752	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	741	772
	Indore	0.00%	100.00%	0.00%	0.00%	784	739	761
	Jabalpur	0.00%	100.00%	0.00%	0.00%	788	755	772
	Koradi	0.00%	100.00%	0.00%	0.00%	768	734	752
	Pune	0.00%	98.89%	0.00%	0.00%	800	747	770
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	796	776	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	787	759	777
	Sasan	0.00%	100.00%	0.00%	0.00%	773	754	765
	Satna	0.00%	100.00%	0.00%	0.00%	779	749	767
	Seoni	0.00%	100.00%	0.00%	0.00%	784	750	775
	Sipat	0.00%	100.00%	0.00%	0.00%	770	755	763
	Sholapur	0.00%	93.54%	5.69%	5.69%	807	757	786
Tamnara PS	0.00%	100.00%	0.00%	0.00%	795	777	788	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	746	770	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	775	760	766	
Wardha	0.00%	99.72%	0.28%	0.28%	802	752	775	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	760	774
	Raichur	0.00%	88.06%	11.94%	11.94%	809	761	786
	Kurnool	0.00%	86.32%	13.68%	13.68%	809	763	788
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	800	769	785
ER	Angul	0.00%	100.00%	0.00%	0.00%	774	760	768
	Gaya	0.00%	100.00%	0.00%	0.00%	778	729	758
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	772	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	774	785
	Sasaram	0.00%	100.00%	0.00%	0.00%	775	736	753
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	408
	Misa (400 kV)	0.00%	99.44%	0.56%	0.56%	420	403	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	411

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