

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

**Date of Reporting: 21-May-16
System Reliability Indices Report for: 20-May-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	6	1.50	6.25
2	ER-NR	0	0.00	0.00
3	Import of NR	43	10.75	44.79
4	NEW-SR	0	0.00	0.00
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	14	3.50	0.15
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 20-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%	99.93%	0.07%	0.07%	801	761	776
	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	761	766
	Ballia	0.00%	100.00%	0.00%	0.00%	793	764	776
	Bhiwani	0.00%	97.92%	2.08%	2.08%	800	766	777
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	749	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	753	768
	Jhatikara	0.00%	100.00%	0.00%	0.00%	786	751	767
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	756	771
	Meerut	0.00%	94.65%	3.40%	3.40%	806	760	782
	Moga	0.00%	100.00%	0.00%	0.00%	791	761	775
Phagi	0.00%	100.00%	0.00%	0.00%	790	753	769	
Unnao	0.00%	100.00%	0.00%	0.00%	773	741	754	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	758	768
	Aurangabad	0.00%	99.51%	0.49%	0.49%	802	762	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	755	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	757	757	757
	Bina	0.00%	100.00%	0.00%	0.00%	793	764	779
	Champa	0.00%	24.65%	75.35%	75.35%	804	779	799
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	762	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	765	780
	Gwalior	0.00%	99.93%	0.07%	0.07%	800	765	778
	Indore	0.00%	100.00%	0.00%	0.00%	779	749	766
	Jabalpur	0.00%	100.00%	0.00%	0.00%	788	763	777
	Koradi	0.00%	100.00%	0.00%	0.00%	778	755	765
	Pune	0.00%	100.00%	0.00%	0.00%	797	759	779
	Raigarh PS (Kotra)	0.00%	38.89%	61.11%	61.11%	809	777	798
	Raipur PS (Durg)	0.00%	99.10%	0.90%	0.90%	801	770	788
	Sasan	0.00%	100.00%	0.00%	0.00%	778	760	769
	Satna	0.00%	100.00%	0.00%	0.00%	785	762	773
	Seoni	0.00%	100.00%	0.00%	0.00%	794	763	778
	Sipat	0.00%	100.00%	0.00%	0.00%	772	754	764
	Sholapur	0.00%	79.17%	16.18%	16.18%	805	768	789
Tamnar PS	0.00%	36.11%	63.89%	63.89%	810	780	798	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	790	757	774	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	763	772	
Wardha	0.00%	99.31%	0.69%	0.69%	805	765	785	
SR	Nellore PS	0.00%	76.60%	23.40%	23.40%	809	771	788
	Raichur	0.00%	86.32%	13.68%	13.68%	803	763	785
	Kurnool	0.00%	77.36%	22.64%	22.64%	808	767	787
	Thiruvalam	0.00%	74.24%	25.76%	25.76%	813	773	790
ER	Angul	0.00%	100.00%	0.00%	0.00%	780	764	773
	Gaya	0.00%	100.00%	0.00%	0.00%	788	760	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	770	783
	Ranchi	0.00%	99.03%	0.97%	0.97%	802	770	787
Sasaram	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	408
	Balipara (400 kV)	0.00%	99.93%	0.07%	0.07%	423	394	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	405
	Misa (400 kV)	0.00%	99.86%	0.14%	0.14%	422	399	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	413

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