

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

**System Reliability Indices Report for the week from
09-May-2016 to 15-May-2016**

Date: 19-May-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	20	5.00	2.98
2	ER-NR	0	0.00	0.00
3	Import of NR	65	16.25	9.67
4	NEW-SR	102	25.50	15.18
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	10	2.50	1.49
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 09-May-2016 to 15-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%	794	740	767
	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	748	763
	Ballia	0.00%	100.00%	0.00%	0.00%	797	730	764
	Bhiwani	0.00%	100.00%	0.00%	0.00%	794	755	777
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	738	757
	Fatehpur	0.00%	99.92%	0.00%	0.00%	789	728	756
	Jhatikara	0.00%	97.71%	2.29%	2.29%	804	749	772
	Lucknow	0.00%	100.00%	0.00%	0.00%	800	739	765
	Meerut	0.00%	98.04%	1.75%	1.75%	814	753	776
	Moga	0.00%	98.97%	1.03%	1.03%	807	749	770
Phagi	0.00%	100.00%	0.00%	0.00%	787	734	761	
Unnao	0.42%	99.58%	0.00%	0.42%	779	723	752	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	745	762
	Aurangabad	0.00%	99.43%	0.57%	0.57%	805	748	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	742	765
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	753	764
	Bina	0.00%	100.00%	0.00%	0.00%	792	750	771
	Champa	0.00%	55.21%	37.25%	37.25%	814	780	798
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	762	774
	Dhule (BDTCL)	0.00%	99.64%	0.36%	0.36%	801	752	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	744	771
	Indore	0.00%	100.00%	0.00%	0.00%	783	738	761
	Jabalpur	0.00%	100.00%	0.00%	0.00%	793	757	775
	Koradi	0.00%	100.00%	0.00%	0.00%	774	738	756
	Pune	0.00%	99.14%	0.00%	0.00%	800	748	775
	Raigarh PS (Kotra)	0.00%	74.95%	25.05%	25.05%	809	780	796
	Raipur PS (Durg)	0.00%	97.53%	2.47%	2.47%	805	771	788
	Sasan	0.00%	100.00%	0.00%	0.00%	780	739	766
	Satna	0.00%	100.00%	0.00%	0.00%	787	749	768
	Seoni	0.00%	100.00%	0.00%	0.00%	794	756	775
	Sipat	0.00%	100.00%	0.00%	0.00%	775	754	763
	Sholapur	0.00%	86.38%	11.49%	11.49%	812	753	786
Tamnara PS	0.00%	74.80%	25.20%	25.20%	809	781	796	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	747	772	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	759	769	
Wardha	0.00%	97.46%	2.54%	2.54%	810	763	783	
SR	Nellore PS	0.00%	99.79%	0.21%	0.21%	802	762	785
	Raichur	0.00%	88.97%	11.03%	11.03%	811	763	788
	Kurnool	0.00%	73.66%	26.34%	26.34%	814	770	793
	Thiruvalam	0.00%	83.43%	16.57%	16.57%	808	773	791
ER	Angul	0.00%	100.00%	0.00%	0.00%	780	754	770
	Gaya	0.00%	100.00%	0.00%	0.00%	794	737	765
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	772	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	773	784
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%	412	402	408
	Balipara (400 kV)	0.00%	99.96%	0.04%	0.04%	421	383	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	390	406
	Misa (400 kV)	0.00%	98.91%	1.09%	1.09%	426	390	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	393	411

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