

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

**System Reliability Indices Report for the week from
16-May-2016 to 22-May-2016**

Date: 27-May-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	27	6.75	4.02
2	ER-NR	0	0.00	0.00
3	Import of NR	284	71.00	42.26
4	NEW-SR	6	1.50	0.89
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	3	0.75	0.45
2	ER-NR	0	0.00	0.00
3	Import of NR	61	15.25	9.08
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 16-May-2016 to 22-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%	99.99%	0.01%	0.01%	801	744	769
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	755	764
	Ballia	0.00%	100.00%	0.00%	0.00%	794	740	769
	Bhiwani	0.00%	99.56%	0.44%	0.44%	801	743	772
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	733	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	732	760
	Jhatikara	0.00%	100.00%	0.00%	0.00%	800	741	768
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	740	766
	Meerut	0.00%	99.07%	0.58%	0.58%	806	744	773
	Moga	0.00%	100.00%	0.00%	0.00%	791	742	764
	Phagi	0.00%	100.00%	0.00%	0.00%	794	736	766
Unnao	0.04%	99.96%	0.00%	0.04%	783	728	751	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	745	764
	Aurangabad	0.00%	97.95%	2.05%	2.05%	805	744	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	742	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	750	761
	Bina	0.00%	100.00%	0.00%	0.00%	793	751	773
	Champa	0.00%	54.86%	44.53%	44.53%	808	776	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	744	770
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	753	779
	Gwalior	0.00%	99.97%	0.03%	0.03%	800	750	774
	Indore	0.00%	100.00%	0.00%	0.00%	787	738	762
	Jabalpur	0.00%	100.00%	0.00%	0.00%	791	750	773
	Koradi	0.00%	100.00%	0.00%	0.00%	778	737	758
	Pune	0.00%	99.87%	0.00%	0.00%	800	744	778
	Raigarh PS (Kotra)	0.00%	82.34%	17.66%	17.66%	809	761	792
	Raipur PS (Durg)	0.00%	99.87%	0.13%	0.13%	801	770	784
	Sasan	0.00%	100.00%	0.00%	0.00%	785	743	768
	Satna	0.00%	100.00%	0.00%	0.00%	794	755	771
	Seoni	0.00%	100.00%	0.00%	0.00%	796	749	776
	Sipat	0.00%	100.00%	0.00%	0.00%	773	749	763
	Sholapur	0.00%	71.80%	24.48%	24.48%	816	761	792
Tamnara PS	0.00%	80.03%	19.97%	19.97%	810	776	793	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	748	773	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	787	759	770	
Wardha	0.00%	98.11%	1.89%	1.89%	810	754	784	
SR	Nellore PS	0.00%	79.75%	20.25%	20.25%	811	767	793
	Raichur	0.00%	77.03%	22.97%	22.97%	815	760	792
	Kurnool	0.00%	65.32%	34.68%	34.68%	816	763	796
	Thiruvalam	0.00%	45.79%	54.21%	54.21%	823	768	801
ER	Angul	0.00%	100.00%	0.00%	0.00%	780	743	768
	Gaya	0.00%	100.00%	0.00%	0.00%	790	741	765
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	764	780
	Ranchi	0.00%	99.85%	0.15%	0.15%	802	761	782
	Sasaram	0.00%	100.00%	0.00%	0.00%	790	745	766
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	403	409
	Balipara (400 kV)	0.00%	99.93%	0.07%	0.07%	423	387	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	387	406
	Misa (400 kV)	0.00%	96.29%	3.71%	3.71%	424	393	412
	Silchar (400 kV)	0.00%	99.67%	0.33%	0.33%	421	401	413

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