

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

**Date of Reporting: 24-Apr-16  
System Reliability Indices Report for: 23-Apr-16**

**Percentage (%) of times ATC was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	Import of NR	7	1.75	7.29
4	NEW-SR	41	10.25	42.71
5	ER-NER	0	0.00	0.00

**Percentage(%) of times (N-1) Criteria was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	Import of NR	0	0.00	0.00
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 22-Apr-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	741	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	757	765
	Ballia	0.00%	100.00%	0.00%	0.00%	782	739	762
	Bhiwani	0.00%	100.00%	0.00%	0.00%	800	758	773
	Bareilly	0.00%	100.00%	0.00%	0.00%	756	756	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	731	758
	Jhatikara	0.00%	94.79%	5.21%	5.21%	807	759	784
	Lucknow	0.00%	100.00%	0.00%	0.00%	787	742	765
	Meerut	0.00%	82.36%	15.14%	15.14%	814	761	790
	Moga	0.00%	96.46%	3.54%	3.54%	806	760	786
Phagi	0.00%	100.00%	0.00%	0.00%	782	739	764	
Unnao	0.00%	100.00%	0.00%	0.00%	769	728	749	
WR	Akola	0.00%	100.00%	0.00%	0.00%	775	753	761
	Aurangabad	0.00%	99.79%	0.21%	0.21%	801	756	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	780	752	764
	Bilaspur	0.00%	100.00%	0.00%	0.00%	769	752	761
	Bina	0.00%	100.00%	0.00%	0.00%	784	752	769
	Champa	0.00%	100.00%	0.00%	0.00%	796	778	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	766	766	766
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	763	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	746	770
	Indore	0.00%	100.00%	0.00%	0.00%	775	748	760
	Jabalpur	0.00%	100.00%	0.00%	0.00%	786	757	771
	Koradi	0.00%	100.00%	0.00%	0.00%	768	750	756
	Pune	0.00%	100.00%	0.00%	0.00%	795	748	773
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	790	775	782
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	783	774	778
	Sasan	0.00%	100.00%	0.00%	0.00%	770	756	764
	Satna	0.00%	100.00%	0.00%	0.00%	777	751	764
	Seoni	0.00%	100.00%	0.00%	0.00%	789	762	773
	Sipat	0.00%	100.00%	0.00%	0.00%	766	754	760
	Sholapur	0.00%	93.89%	4.51%	4.51%	805	763	783
Tamnara PS	0.00%	100.00%	0.00%	0.00%	791	777	783	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	790	759	774	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	774	760	766	
Wardha	0.00%	99.38%	0.63%	0.63%	803	768	783	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	775	784
	Raichur	0.00%	97.22%	2.78%	2.78%	805	766	786
	Kurnool	0.00%	82.92%	17.08%	17.08%	809	776	792
	Thiruvalam	0.00%	92.22%	7.78%	7.78%	806	778	790
ER	Angul	0.00%	100.00%	0.00%	0.00%	771	758	766
	Gaya	0.00%	100.00%	0.00%	0.00%	780	740	761
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	787	766	778
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	763	777
Sasaram	0.00%	100.00%	0.00%	0.00%	784	736	761	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	390	396
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	412
	Silchar (400 kV)	0.00%	98.82%	1.18%	1.18%	421	399	414

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