

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

**Date of Reporting: 30-Apr-16
System Reliability Indices Report for: 29-Apr-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	1	0.25	1.04
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	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 29-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%	786	746	764
	Anpara-C	0.00%	100.00%	0.00%	0.00%	767	755	760
	Ballia	0.00%	100.00%	0.00%	0.00%	774	738	757
	Bhiwani	0.00%	100.00%	0.00%	0.00%	789	762	775
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	742	752
	Fatehpur	0.00%	100.00%	0.00%	0.00%	767	733	752
	Jhatikara	0.00%	100.00%	0.00%	0.00%	790	759	773
	Lucknow	0.00%	100.00%	0.00%	0.00%	776	745	762
	Meerut	0.00%	100.00%	0.00%	0.00%	795	761	778
	Moga	0.00%	100.00%	0.00%	0.00%	791	764	776
	Phagi	0.00%	100.00%	0.00%	0.00%	777	744	758
Unnao	0.00%	100.00%	0.00%	0.00%	767	730	747	
WR	Akola	0.00%	100.00%	0.00%	0.00%	767	750	757
	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	765	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	748	762
	Bilaspur	0.00%	100.00%	0.00%	0.00%	756	756	756
	Bina	0.00%	100.00%	0.00%	0.00%	782	753	766
	Champa	0.00%	100.00%	0.00%	0.00%	794	781	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	762	770
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	761	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	786	748	765
	Indore	0.00%	100.00%	0.00%	0.00%	779	742	756
	Jabalpur	0.00%	100.00%	0.00%	0.00%	785	759	770
	Koradi	0.00%	100.00%	0.00%	0.00%	761	747	754
	Pune	0.00%	100.00%	0.00%	0.00%	796	757	778
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	793	775	785
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	787	778	780
	Sasan	0.00%	100.00%	0.00%	0.00%	769	757	761
	Satna	0.00%	100.00%	0.00%	0.00%	775	751	762
	Seoni	0.00%	100.00%	0.00%	0.00%	784	761	772
	Sipat	0.00%	100.00%	0.00%	0.00%	767	755	760
	Sholapur	0.00%	86.94%	6.94%	6.94%	804	772	789
Tamnara PS	0.00%	100.00%	0.00%	0.00%	797	776	785	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	788	760	773	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	775	760	765	
Wardha	0.00%	100.00%	0.00%	0.00%	797	765	780	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	776	785
	Raichur	0.00%	88.54%	11.46%	11.46%	807	777	791
	Kurnool	0.00%	76.81%	23.19%	23.19%	808	781	795
	Thiruvalam	0.00%	90.21%	9.79%	9.79%	803	777	791
ER	Angul	0.00%	100.00%	0.00%	0.00%	776	763	770
	Gaya	0.00%	100.00%	0.00%	0.00%	771	739	756
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	788	774	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	771	780
Sasaram	0.00%	100.00%	0.00%	0.00%	771	737	755	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	400	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	390	407
	Misa (400 kV)	0.00%	94.79%	5.21%	5.21%	426	390	413
	Silchar (400 kV)	0.00%	66.53%	33.47%	33.47%	426	392	414

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