

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

**Date of Reporting: 29-Nov-16
System Reliability Indices Report for: 28-Nov-16**

Percentage (%) of times ATC 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	16	4.00	16.67
4	NEW-SR	30	7.50	31.25
5	NER Import	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	1	0.25	1.04
4	NER Import	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 28-Nov-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%	787	753	771
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	758	765
	Ballia	0.00%	100.00%	0.00%	0.00%	776	763	769
	Bhiwani	0.00%	82.15%	17.85%	17.85%	808	764	787
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	755	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	772	738	755
	Jhatikara	0.00%	82.15%	17.85%	17.85%	807	759	785
	Lucknow	0.00%	88.54%	11.46%	11.46%	804	767	784
	Meerut	0.00%	92.29%	6.18%	6.18%	808	764	786
	Moga	0.00%	97.99%	2.01%	2.01%	803	756	783
Phagi	0.00%	100.00%	0.00%	0.00%	794	760	778	
Unnao	0.00%	100.00%	0.00%	0.00%	775	736	754	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	751	772
	Aurangabad	0.00%	99.72%	0.28%	0.28%	801	758	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	753	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	754	763
	Bina	0.00%	100.00%	0.00%	0.00%	788	759	775
	Champa	0.00%	97.71%	0.69%	0.69%	801	780	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	772	772	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	759	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	758	776
	Indore	0.00%	100.00%	0.00%	0.00%	785	755	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	788	763	775
	Koradi	0.00%	100.00%	0.00%	0.00%	775	746	764
	Pune	0.00%	100.00%	0.00%	0.00%	794	749	769
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	797	778	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	786	768	779
	Sasan	0.00%	100.00%	0.00%	0.00%	774	755	765
	Satna	0.00%	100.00%	0.00%	0.00%	783	757	771
	Seoni	0.00%	100.00%	0.00%	0.00%	791	759	773
	Sipat	0.00%	100.00%	0.00%	0.00%	773	755	762
	Sholapur	0.00%	99.31%	0.69%	0.69%	804	760	780
Tamnara PS	0.00%	100.00%	0.00%	0.00%	797	778	786	
Tirora	0.00%	100.00%	0.00%	0.00%	768	748	761	
Vadodara	0.00%	100.00%	0.00%	0.00%	799	765	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	774	760	767	
Wardha	0.00%	100.00%	0.00%	0.00%	800	762	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	766	777
	Raichur	0.00%	99.93%	0.07%	0.07%	801	759	778
	Kurnool	0.00%	99.17%	0.83%	0.83%	803	764	781
	Thiruvalam	0.00%	81.94%	18.06%	18.06%	804	774	786
ER	Angul	0.00%	100.00%	0.00%	0.00%	793	768	781
	Gaya	0.00%	100.00%	0.00%	0.00%	789	759	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	775	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	765	776
	Sasaram	0.00%	100.00%	0.00%	0.00%	762	728	747
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	404	409
	Balipara (400 kV)	0.00%	98.26%	1.74%	1.74%	425	398	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	406
	Misa (400 kV)	0.00%	66.46%	33.54%	33.54%	430	405	417
	Silchar (400 kV)	0.00%	99.58%	0.42%	0.42%	421	402	413

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