

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

Date of Reporting: **30-Sep-17**
System Reliability Indices Report for: **29-Sep-17**

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	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
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	0	0.00	0.00
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 29-Sep-2017

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%	793	767	781
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	775	758	768
	Anpara-C	0.00%	100.00%	0.00%	0.00%	764	757	761
	Anpara-D	0.00%	100.00%	0.00%	0.00%	764	756	760
	Anta	0.00%	100.00%	0.00%	0.00%	789	770	780
	Ballia	0.00%	100.00%	0.00%	0.00%	790	766	777
	Bara	0.00%	100.00%	0.00%	0.00%	771	763	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	775	787
	Bareilly	0.00%	100.00%	0.00%	0.00%	758	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	756	767
	Greater Noida	0.00%	100.00%	0.00%	0.00%	796	772	785
	Jhatikara	0.00%	100.00%	0.00%	0.00%	796	771	785
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	759	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	790	765	777
	Lalitpur	0.00%	100.00%	0.00%	0.00%	783	765	773
	Meerut	0.00%	99.09%	0.28%	0.28%	802	769	786
	Moga	0.00%	100.00%	0.00%	0.00%	793	765	780
	Phagi	0.00%	100.00%	0.00%	0.00%	795	767	782
Unnao	0.00%	100.00%	0.00%	0.00%	757	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	763	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	766	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	760	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	761	766
	Bina	0.00%	100.00%	0.00%	0.00%	788	770	779
	Champa	0.00%	50.52%	21.84%	21.84%	805	793	799
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	772	778
	Ektuni	0.00%	100.00%	0.00%	0.00%	769	769	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	769	781
	Indore	0.00%	100.00%	0.00%	0.00%	785	761	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	776	784
	Koradi	0.00%	100.00%	0.00%	0.00%	779	760	768
	Pune	0.00%	99.65%	0.00%	0.00%	800	739	774
	Raigarh Pooling	0.00%	83.44%	16.56%	16.56%	803	794	799
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	791	782	791
	Sasan	0.00%	100.00%	0.00%	0.00%	772	757	765
	Satna	0.00%	100.00%	0.00%	0.00%	778	762	771
	Seoni	0.00%	100.00%	0.00%	0.00%	790	770	781
	Sipat	0.00%	100.00%	0.00%	0.00%	768	760	765
	Solapur	0.00%	90.64%	9.36%	9.36%	806	777	793
Tamnar	0.00%	52.83%	47.17%	47.17%	803	795	799	
Tirora	0.00%	100.00%	0.00%	0.00%	774	758	764	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	768	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	774	761	767	
Wardha	0.00%	100.00%	0.00%	0.00%	798	778	788	
SR	Kurnool	0.00%	74.37%	25.63%	25.63%	806	784	795
	Nellore PS	0.00%	97.97%	2.03%	2.03%	801	785	792
	Raichur	0.00%	89.87%	10.13%	10.13%	802	781	793
	Nizamabad	0.00%	100.00%	0.00%	0.00%	792	771	783
	Srikakulam	0.00%	62.26%	37.74%	37.74%	804	794	799
	Thiruvalam	0.00%	3.84%	96.16%	96.16%	819	797	808
Vemagiri	0.00%	99.65%	0.35%	0.35%	800	789	795	
ER	Angul	0.00%	100.00%	0.00%	0.00%	798	787	793
	Gaya	0.00%	100.00%	0.00%	0.00%	789	769	777
	Jharsuguda	0.00%	99.30%	0.70%	0.70%	800	789	795
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	781	789
	Sasaram	0.00%	100.00%	0.00%	0.00%	788	747	758
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	386	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	399	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	398	405
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	392	415
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	386	409
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	421	401	405
	Misa (400 kV)	0.00%	94.06%	5.94%	5.94%	422	402	415
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	416
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	413

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