

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **3-Sep-17**
System Reliability Indices Report for: **2-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 02-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	760	778
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	760	760	760
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	751	766
	Anpara-D	0.00%	100.00%	0.00%	0.00%	775	751	766
	Anta	0.00%	100.00%	0.00%	0.00%	788	764	779
	Ballia	0.00%	100.00%	0.00%	0.00%	786	748	773
	Bara	0.00%	100.00%	0.00%	0.00%	759	759	759
	Bhiwani	0.00%	93.75%	6.25%	6.25%	803	770	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	744	765
	Greater Noida	0.00%	92.08%	7.92%	7.92%	804	769	788
	Jhatikara	0.00%	100.00%	0.00%	0.00%	799	764	785
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	755	760
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	746	774
	Lalitpur	0.00%	100.00%	0.00%	0.00%	785	764	774
	Meerut	0.00%	76.25%	19.65%	19.65%	807	767	791
	Moga	0.00%	100.00%	0.00%	0.00%	770	770	770
	Phagi	0.00%	100.00%	0.00%	0.00%	794	766	782
Varanasi	0.00%	100.00%	0.00%	0.00%	788	754	776	
Unnao	0.00%	100.00%	0.00%	0.00%	781	739	765	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	763	776
	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	754	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	775	756	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	768	760	764
	Bina	0.00%	100.00%	0.00%	0.00%	781	763	773
	Champa	0.00%	100.00%	0.00%	0.00%	795	788	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	774	779
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	767	782
	Ektuni	0.00%	100.00%	0.00%	0.00%	785	760	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	760	778
	Indore	0.00%	100.00%	0.00%	0.00%	781	759	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	783	767	775
	Koradi	0.00%	100.00%	0.00%	0.00%	776	761	770
	Pune	0.00%	100.00%	0.00%	0.00%	798	743	775
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	785	789
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	783	774	779
	Sasan	0.00%	100.00%	0.00%	0.00%	765	752	759
	Satna	0.00%	100.00%	0.00%	0.00%	771	754	764
	Seoni	0.00%	100.00%	0.00%	0.00%	784	766	777
	Sipat	0.00%	100.00%	0.00%	0.00%	766	758	762
Solapur	0.00%	89.79%	10.21%	10.21%	805	772	791	
Tamnar	0.00%	100.00%	0.00%	0.00%	796	788	791	
Tirora	0.00%	100.00%	0.00%	0.00%	771	759	766	
Vadodara	0.00%	100.00%	0.00%	0.00%	796	769	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	768	755	761	
Wardha	0.00%	100.00%	0.00%	0.00%	792	762	779	
SR	Kurnool	0.00%	85.07%	14.93%	14.93%	808	774	792
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	777	787
	Raichur	0.00%	88.68%	11.32%	11.32%	806	776	792
	Nizamabad	0.00%	100.00%	0.00%	0.00%	792	762	777
	Srikakulam	0.00%	100.00%	0.00%	0.00%	795	779	788
	Thiruvalam	0.00%	40.90%	59.10%	59.10%	816	787	801
	Vemagiri	0.00%	100.00%	0.00%	0.00%	792	774	783
ER	Angul	0.00%	100.00%	0.00%	0.00%	791	778	786
	Gaya	0.00%	100.00%	0.00%	0.00%	782	752	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	785	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	775	786
	Sasaram	0.00%	100.00%	0.00%	0.00%	783	753	771
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	403
	Bongaigaon TPS (400 kV)	0.00%	97.43%	2.57%	2.57%	423	401	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	407
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	0	0	0
	Misa (400 kV)	0.00%	96.81%	3.19%	3.19%	427	399	411
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	404	389	398
	Biswanath Chariali (400 kV)	0.00%	96.39%	1.46%	1.46%	427	398	410
	Silchar (400 kV)	0.00%	99.17%	0.83%	0.83%	421	403	411

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

