

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **2-Sep-17**
System Reliability Indices Report for: **1-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 01-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%	795	761	779
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	760	760	760
	Anpara-C	0.00%	100.00%	0.00%	0.00%	786	759	775
	Anpara-D	0.00%	100.00%	0.00%	0.00%	786	757	774
	Anta	0.00%	100.00%	0.00%	0.00%	796	770	783
	Ballia	0.00%	100.00%	0.00%	0.00%	795	753	776
	Bara	0.00%	100.00%	0.00%	0.00%	759	759	759
	Bhiwani	0.00%	65.21%	34.79%	34.79%	809	776	792
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	759	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	744	766
	Greater Noida	0.00%	90.76%	9.24%	9.24%	803	774	789
	Jhatikara	0.00%	95.63%	4.38%	4.38%	805	769	787
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	759	760
	Lucknow	0.00%	82.99%	17.01%	17.01%	807	753	783
	Lalitpur	0.00%	100.00%	0.00%	0.00%	787	767	779
	Meerut	0.00%	90.28%	5.90%	5.90%	806	768	789
	Moga	0.00%	100.00%	0.00%	0.00%	770	770	770
Phagi	0.00%	98.82%	1.18%	1.18%	803	766	786	
Varanasi	0.00%	100.00%	0.00%	0.00%	796	759	780	
Unnao	0.00%	100.00%	0.00%	0.00%	781	739	766	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	769	780
	Aurangabad	0.00%	100.00%	0.00%	0.00%	790	765	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	758	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	760	768
	Bina	0.00%	100.00%	0.00%	0.00%	790	763	778
	Champa	0.00%	78.96%	14.10%	14.10%	804	790	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	775	782
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	773	786
	Ektuni	0.00%	100.00%	0.00%	0.00%	785	772	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	762	780
	Indore	0.00%	100.00%	0.00%	0.00%	788	764	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	769	780
	Koradi	0.00%	100.00%	0.00%	0.00%	777	765	772
	Pune	0.00%	100.00%	0.00%	0.00%	800	747	779
	Raigarh Pooling	0.00%	99.93%	0.07%	0.07%	800	788	793
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	782	784
	Sasan	0.00%	100.00%	0.00%	0.00%	767	752	760
	Satna	0.00%	100.00%	0.00%	0.00%	779	758	768
	Seoni	0.00%	100.00%	0.00%	0.00%	791	771	781
	Sipat	0.00%	100.00%	0.00%	0.00%	773	760	766
	Solapur	0.00%	91.04%	8.96%	8.96%	806	771	793
Tamnar	0.00%	99.38%	0.63%	0.63%	801	790	794	
Tirora	0.00%	100.00%	0.00%	0.00%	772	762	768	
Vadodara	0.00%	100.00%	0.00%	0.00%	800	774	787	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	769	755	762	
Wardha	0.00%	100.00%	0.00%	0.00%	796	771	783	
SR	Kurnool	0.00%	86.81%	13.19%	13.19%	806	781	794
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	777	789
	Raichur	0.00%	89.65%	10.35%	10.35%	804	777	793
	Nizamabad	0.00%	100.00%	0.00%	0.00%	792	771	782
	Srikakulam	0.00%	100.00%	0.00%	0.00%	797	784	791
	Thiruvallam	0.00%	69.51%	30.49%	30.49%	809	786	798
	Vemagiri	0.00%	100.00%	0.00%	0.00%	793	778	786
ER	Angul	0.00%	100.00%	0.00%	0.00%	794	782	789
	Gaya	0.00%	100.00%	0.00%	0.00%	794	755	775
	Jharsuguda	0.00%	89.58%	10.42%	10.42%	803	788	796
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	778	788
	Sasaram	0.00%	100.00%	0.00%	0.00%	786	749	767
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	403	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	397	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	397	403
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	403	406
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	419	403	413
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	411
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	404	391	398
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	398	410
Silchar (400 kV)	0.00%	99.65%	0.35%	0.35%	420	399	411	

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

