

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
28-Aug-2017 to 03-Sep-2017

Date: 8-Sep-2017

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	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 week from 28-Aug-2017 to 03-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	759	778
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	760	759	760
	Anpara-C	0.00%	100.00%	0.00%	0.00%	786	751	766
	Anpara-D	0.00%	100.00%	0.00%	0.00%	786	751	766
	Anta	0.00%	100.00%	0.00%	0.00%	796	764	781
	Ballia	0.00%	100.00%	0.00%	0.00%	795	748	773
	Bara	0.00%	100.00%	0.00%	0.00%	759	759	759
	Bhiwani	0.00%	89.34%	10.66%	10.66%	809	769	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	744	766
	Greater Noida	0.00%	96.36%	3.64%	3.64%	804	767	786
	Jhatikara	0.00%	99.30%	0.70%	0.70%	805	764	785
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	755	760
	Lucknow	0.00%	97.30%	2.70%	2.70%	807	746	776
	Lalitpur	0.00%	100.00%	0.00%	0.00%	787	763	778
	Meerut	0.00%	82.53%	12.74%	12.74%	812	767	790
	Moga	0.00%	100.00%	0.00%	0.00%	770	770	770
	Phagi	0.00%	99.83%	0.17%	0.17%	803	763	784
	Varanasi	0.00%	100.00%	0.00%	0.00%	796	754	777
Unnao	0.00%	100.00%	0.00%	0.00%	781	738	761	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	763	780
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	754	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	751	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	756	769
	Bina	0.00%	100.00%	0.00%	0.00%	790	759	777
	Champa	0.00%	75.28%	16.92%	16.92%	810	781	797
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	763	782
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	753	784
	Ektuni	0.00%	100.00%	0.00%	0.00%	790	760	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	759	779
	Indore	0.00%	100.00%	0.00%	0.00%	789	758	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	758	780
	Koradi	0.00%	100.00%	0.00%	0.00%	780	761	773
	Pune	0.00%	99.99%	0.00%	0.00%	800	743	773
	Raigarh Pooling	0.00%	89.47%	10.53%	10.53%	808	780	793
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	795	774	784
	Sasan	0.00%	100.00%	0.00%	0.00%	769	752	761
	Satna	0.00%	100.00%	0.00%	0.00%	781	752	768
	Seoni	0.00%	100.00%	0.00%	0.00%	794	765	782
	Sipat	0.00%	100.00%	0.00%	0.00%	774	755	767
	Solapur	0.00%	91.72%	8.28%	8.28%	807	770	793
Tamnar	0.00%	89.07%	10.93%	10.93%	808	783	795	
Tirora	0.00%	100.00%	0.00%	0.00%	776	759	768	
Vadodara	0.00%	99.95%	0.05%	0.05%	801	769	786	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	771	754	763	
Wardha	0.00%	99.98%	0.02%	0.02%	800	762	785	
SR	Kurnool	0.00%	95.72%	4.28%	4.28%	808	772	790
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	775	787
	Raichur	0.00%	96.05%	3.95%	3.95%	806	771	791
	Nizamabad	0.00%	100.00%	0.00%	0.00%	796	753	778
	Srikakulam	0.00%	95.52%	4.48%	4.48%	820	779	792
	Thiruvallam	0.00%	59.73%	40.27%	40.27%	816	778	799
	Vemagiri	0.00%	98.45%	1.55%	1.55%	814	774	790
ER	Angul	0.00%	99.78%	0.22%	0.22%	803	778	789
	Gaya	0.00%	100.00%	0.00%	0.00%	794	752	775
	Jharsuguda	0.00%	83.34%	16.66%	16.66%	805	783	796
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	774	787
	Sasaram	0.00%	100.00%	0.00%	0.00%	789	730	767
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	391	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	388	402
	Bongaigaon TPS (400 kV)	0.00%	99.63%	0.37%	0.37%	423	394	409
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	406
	Palatana (400 kV)	0.00%	69.15%	2.19%	2.19%	427	403	411
	Misa (400 kV)	0.00%	99.43%	0.57%	0.57%	427	393	411
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	413	389	398
	Biswanath Chariali (400 kV)	0.00%	99.38%	0.21%	0.21%	427	389	410
	Silchar (400 kV)	0.00%	99.44%	0.56%	0.56%	421	388	410

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