

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

**System Reliability Indices Report for the week from
11-Sep-2017 to 17-Sep-2017**

Date: 22-Sep-2017

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	60	15.00	8.93
2	ER-NR	0	0.00	0.00
3	Import of NR	55	13.75	8.18
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	3	0.75	0.45
2	ER-NR	0	0.00	0.00
3	Import of NR	7	1.75	1.04
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 11-Sep-2017 to 17-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	758	775
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	760	758	760
	Anpara-C	0.00%	100.00%	0.00%	0.00%	765	748	758
	Anpara-D	0.00%	100.00%	0.00%	0.00%	766	748	758
	Anta	0.00%	100.00%	0.00%	0.00%	798	753	780
	Ballia	0.00%	99.78%	0.22%	0.22%	817	752	773
	Bara	0.00%	100.00%	0.00%	0.00%	773	759	767
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	761	779
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	736	759
	Greater Noida	0.00%	100.00%	0.00%	0.00%	794	758	779
	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	758	776
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	753	759
	Lucknow	0.00%	100.00%	0.00%	0.00%	799	755	776
	Lalitpur	0.00%	100.00%	0.00%	0.00%	785	760	774
	Meerut	0.00%	98.78%	0.67%	0.67%	805	758	780
	Moga	0.00%	100.00%	0.00%	0.00%	791	754	772
	Phagi	0.00%	100.00%	0.00%	0.00%	796	758	779
	Varanasi	0.00%	100.00%	0.00%	0.00%	788	754	771
Unnao	0.00%	100.00%	0.00%	0.00%	757	757	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	766	778
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	766	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	748	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	761	767
	Bina	0.00%	100.00%	0.00%	0.00%	793	767	778
	Champa	0.00%	96.79%	1.50%	1.50%	804	780	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	772	780
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	761	782
	Ektuni	0.00%	100.00%	0.00%	0.00%	790	763	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	763	777
	Indore	0.00%	100.00%	0.00%	0.00%	789	757	773
	Jabalpur	0.00%	99.89%	0.11%	0.11%	801	774	785
	Koradi	0.00%	100.00%	0.00%	0.00%	781	763	771
	Pune	0.00%	100.00%	0.00%	0.00%	795	736	768
	Raigarh Pooling	0.00%	99.89%	0.11%	0.11%	801	781	790
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	797	776	784
	Sasan	0.00%	100.00%	0.00%	0.00%	776	762	769
	Satna	0.00%	100.00%	0.00%	0.00%	783	761	771
	Seoni	0.00%	100.00%	0.00%	0.00%	792	770	782
	Sipat	0.00%	100.00%	0.00%	0.00%	771	759	765
	Solapur	0.00%	95.47%	4.53%	4.53%	806	748	792
Tamnar	0.00%	99.67%	0.33%	0.33%	803	783	791	
Tirora	0.00%	100.00%	0.00%	0.00%	775	760	767	
Vadodara	0.00%	100.00%	0.00%	0.00%	798	769	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	778	764	771	
Wardha	0.00%	99.72%	0.28%	0.28%	804	770	786	
SR	Kurnool	0.00%	95.26%	4.74%	4.74%	803	768	788
	Nellore PS	0.00%	99.99%	0.01%	0.01%	800	773	787
	Raichur	0.00%	99.19%	0.81%	0.81%	802	772	789
	Nizamabad	0.00%	90.85%	9.15%	9.15%	805	765	788
	Srikakulam	0.00%	93.83%	6.17%	6.17%	807	783	794
	Thiruvallam	0.00%	54.51%	45.49%	45.49%	815	783	800
	Vemagiri	0.00%	97.98%	2.02%	2.02%	805	779	791
ER	Angul	0.00%	100.00%	0.00%	0.00%	799	779	789
	Gaya	0.00%	100.00%	0.00%	0.00%	783	751	765
	Jharsuguda	0.00%	98.51%	1.49%	1.49%	803	784	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	770	783
	Sasaram	0.01%	99.99%	0.00%	0.01%	789	708	763
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	386	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	403
	Bongaigaon TPS (400 kV)	0.00%	99.82%	0.18%	0.18%	422	392	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	414	386	407
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	423	401	405
	Misa (400 kV)	0.00%	98.02%	1.98%	1.98%	426	402	412
	Ranganadi (400 kV)	0.00%	95.73%	4.27%	4.27%	430	401	406
	Biswanath Chariali (400 kV)	0.00%	99.79%	0.09%	0.09%	423	400	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	402	411

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