

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

**System Reliability Indices Report for the week from
02-Sep-2019 to 08-Sep-2019**

Date: 13-Sep-2019

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	57	14.25	8.48
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	41	10.25	6.10

Percentage(%) of times (N-1) Criteria was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	8	2.00	1.19
2	ER-NR	0	0.00	0.00
3	Import of NR	6	1.50	0.89
4	NEW-SR	13	3.25	1.93
4	ER-NER	12	3.00	1.79

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 02-Sep-2019 to 08-Sep-2019

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%	99.92%	0.08%	0.08%	803	755	780
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	754	768
	Anpara-D	0.00%	100.00%	0.00%	0.00%	777	752	765
	Anta	0.00%	100.00%	0.00%	0.00%	789	766	780
	Ballia	0.00%	100.00%	0.00%	0.00%	798	748	775
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	759	777
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	741	772
	Greater Noida	0.00%	99.44%	0.56%	0.56%	804	755	780
	Jhatikara	0.00%	100.00%	0.00%	0.00%	794	751	771
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	797	752	775
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	748	776
	Lalitpur	0.50%	97.77%	1.39%	1.88%	805	725	774
	Meerut	0.00%	99.98%	0.02%	0.02%	800	753	778
	Moga	0.00%	100.00%	0.00%	0.00%	787	755	770
	Phagi	0.00%	100.00%	0.00%	0.00%	797	761	781
	Varanasi	0.00%	100.00%	0.00%	0.00%	799	758	779
Unnao	0.00%	100.00%	0.00%	0.00%	784	739	764	
WR	Akola	0.00%	100.00%	0.00%	0.00%	796	774	787
	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	761	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	760	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	789	772	780
	Bina	0.00%	100.00%	0.00%	0.00%	797	768	782
	Champa	0.00%	100.00%	0.00%	0.00%	795	777	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	767	778
	Gwalior	0.00%	99.95%	0.05%	0.05%	801	759	780
	Indore	0.00%	100.00%	0.00%	0.00%	774	751	763
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	773	785
	Koradi	0.00%	100.00%	0.00%	0.00%	782	765	775
	Pune	0.00%	100.00%	0.00%	0.00%	800	756	785
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	794	776	785
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	787	773	778
	Sasan	0.00%	100.00%	0.00%	0.00%	781	766	772
	Satna	0.00%	100.00%	0.00%	0.00%	791	766	778
	Seoni	0.00%	100.00%	0.00%	0.00%	798	779	788
	Sipat	0.00%	100.00%	0.00%	0.00%	788	776	781
	Solapur	0.00%	98.32%	1.68%	1.68%	800	769	788
	Tamnar	0.00%	100.00%	0.00%	0.00%	796	781	788
	Tirora	0.00%	100.00%	0.00%	0.00%	775	763	769
Vadodara	0.00%	100.00%	0.00%	0.00%	787	757	774	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	787	757	774	
Wardha	0.00%	100.00%	0.00%	0.00%	787	757	784	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	793	753	778
	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	753	773
	Raichur	0.00%	100.00%	0.00%	0.00%	797	758	782
	Nizamabad	0.00%	97.74%	2.26%	2.26%	802	765	785
	Srikakulam	0.00%	92.99%	7.01%	7.01%	802	788	795
	Thiruvalam	0.00%	92.99%	7.01%	7.01%	802	788	795
	Vemagiri	0.00%	100.00%	0.00%	0.00%	790	768	776
ER	Angul	0.00%	91.50%	8.50%	8.50%	803	784	795
	Gaya	0.00%	100.00%	0.00%	0.00%	790	752	772
	Jharsuguda	0.00%	76.24%	23.76%	23.76%	807	789	797
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	769	780
	Sasaram	0.00%	100.00%	0.00%	0.00%	787	737	766
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	391	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	389	400
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	407
	Byrnhat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	406
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	420	397	413
	Misa (400 kV)	0.00%	99.77%	0.23%	0.23%	422	393	408
	Ranganadi (400 kV)	0.00%	80.19%	19.81%	19.81%	429	402	415
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	420	391	407
	Silchar (400 kV)	0.00%	99.44%	0.56%	0.56%	423	394	407

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