

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

**System Reliability Indices Report for the week from
04-Oct-2021 to 10-Oct-2021**

Date: 15-Oct-2021

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 04-Oct-2021 to 10-Oct-2021

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	1	Agra	0.00%	100.00%	0.00%	0.00%	792	754	777
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	792	754	777
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	765	755	759
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	765	755	759
	5	Anta	0.00%	100.00%	0.00%	0.00%	799	765	786
	6	Ballia	0.00%	100.00%	0.00%	0.00%	780	753	768
	7	Bara	0.00%	100.00%	0.00%	0.00%	781	763	769
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	750	778
	9	Bareilly	0.00%	100.00%	0.00%	0.00%	793	751	776
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	749	770
	11	Greater Noida	0.00%	100.00%	0.00%	0.00%	798	757	781
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	792	750	774
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	783	752	771
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	783	751	769
	15	Lalitpur	0.00%	100.00%	0.00%	0.00%	780	753	770
	16	Meerut	0.00%	99.94%	0.06%	0.06%	802	747	779
	17	Moga	0.00%	99.95%	0.05%	0.05%	801	741	771
	18	Phagi	0.00%	99.79%	0.21%	0.21%	802	759	783
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	783	762	774
	20	Unnao	0.00%	100.00%	0.00%	0.00%	775	733	760
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	788	756	775
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	756	775
	3	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	753	766
	4	Bilaspur	0.00%	100.00%	0.00%	0.00%	781	763	775
	5	Bina	0.00%	100.00%	0.00%	0.00%	789	762	778
	6	Champa	0.00%	79.39%	20.61%	20.61%	806	779	797
	7	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	762	772
	8	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	751	772
	9	Ektuni	0.00%	100.00%	0.00%	0.00%	788	751	777
	10	Gwalior	0.00%	100.00%	0.00%	0.00%	796	760	781
	11	Indore	0.00%	100.00%	0.00%	0.00%	780	753	768
	12	Jabalpur	0.00%	100.00%	0.00%	0.00%	791	769	781
	13	Koradi	0.00%	100.00%	0.00%	0.00%	777	749	764
	14	Pune	0.00%	100.00%	0.00%	0.00%	800	763	784
	15	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	800	779	790
	16	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	798	777	788
	17	Sasan	0.00%	100.00%	0.00%	0.00%	782	765	775
	18	Satna	0.00%	100.00%	0.00%	0.00%	790	769	781
	19	Seoni	0.00%	100.00%	0.00%	0.00%	789	766	778
	20	Sipat	0.00%	100.00%	0.00%	0.00%	783	766	776
	21	Solapur	0.00%	91.69%	8.31%	8.31%	807	736	790
	22	Tamnar	0.00%	99.66%	0.34%	0.34%	801	782	792
	23	Tirora	0.00%	100.00%	0.00%	0.00%	771	751	762
	24	Vadodara	0.00%	100.00%	0.00%	0.00%	798	755	771
	25	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	798	755	779
	26	Wardha	0.00%	100.00%	0.00%	0.00%	798	755	779
	27	Bhuj	0.00%	99.81%	0.19%	0.19%	806	753	774
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	796	749	774
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	750	777
	3	Raichur	0.00%	100.00%	0.00%	0.00%	800	751	773
	4	Nizamabad	0.00%	100.00%	0.00%	0.00%	798	768	781
	5	Srikakulam	0.00%	97.22%	2.78%	2.78%	804	761	785
	6	Thiruvallam	0.00%	97.22%	2.78%	2.78%	804	761	783
	7	Vemagiri	0.00%	98.70%	1.30%	1.30%	802	754	783
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	794	754	781
	2	Gaya	0.00%	100.00%	0.00%	0.00%	779	760	778
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	775	770
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	788	766	786
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	776	749	778
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	766
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	393	406
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	402
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	407
	6	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	409	400	405
	7	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	405
	8	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	420	402	404
	9	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	410
	10	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	404

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