

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

**System Reliability Indices Report for the week from  
11-Oct-2021 to 17-Oct-2021**

Date: 22-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 11-Oct-2021 to 17-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%	795	751	779
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	795	751	779
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	771	754	762
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	771	754	762
	5	Anta	0.00%	100.00%	0.00%	0.00%	797	764	786
	6	Ballia	0.00%	100.00%	0.00%	0.00%	788	758	772
	7	Bara	0.00%	100.00%	0.00%	0.00%	783	763	769
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	749	779
	9	Bareilly	0.00%	99.52%	0.48%	0.48%	803	742	778
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	742	768
	11	Greater Noida	0.00%	99.93%	0.07%	0.07%	800	750	784
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	795	746	777
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	790	750	773
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	794	748	771
	15	Lalitpur	0.00%	100.00%	0.00%	0.00%	783	753	772
	16	Meerut	0.00%	100.00%	0.00%	0.00%	799	751	781
	17	Moga	0.00%	100.00%	0.00%	0.00%	800	746	770
	18	Phagi	0.00%	99.55%	0.45%	0.45%	803	752	785
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	787	763	777
	20	Unnao	0.00%	100.00%	0.00%	0.00%	784	741	761
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	783	757	773
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	788	749	773
	3	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	750	774
	4	Bilaspur	0.00%	100.00%	0.00%	0.00%	786	766	778
	5	Bina	0.00%	100.00%	0.00%	0.00%	794	762	782
	6	Champa	0.00%	71.26%	28.74%	28.74%	810	782	797
	7	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	766	778
	8	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	746	773
	9	Ektuni	0.00%	100.00%	0.00%	0.00%	790	746	773
	10	Gwalior	0.00%	100.00%	0.00%	0.00%	798	759	784
	11	Indore	0.00%	100.00%	0.00%	0.00%	792	750	775
	12	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	767	787
	13	Koradi	0.00%	100.00%	0.00%	0.00%	772	753	764
	14	Pune	0.00%	100.00%	0.00%	0.00%	800	756	785
	15	Raigarh Pooling	0.00%	99.91%	0.09%	0.09%	801	779	791
	16	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	799	778	789
	17	Sasan	0.00%	100.00%	0.00%	0.00%	784	766	778
	18	Satna	0.00%	100.00%	0.00%	0.00%	795	767	783
	19	Seoni	0.00%	100.00%	0.00%	0.00%	791	767	780
	20	Sipat	0.00%	100.00%	0.00%	0.00%	786	771	779
	21	Solapur	0.00%	94.14%	5.86%	5.86%	805	769	790
	22	Tamnar	0.00%	98.46%	1.54%	1.54%	802	783	793
	23	Tirora	0.00%	100.00%	0.00%	0.00%	768	754	762
	24	Vadodara	0.00%	100.00%	0.00%	0.00%	797	747	774
	25	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	797	747	781
	26	Wardha	0.00%	100.00%	0.00%	0.00%	797	747	781
	27	Bhuj	0.00%	100.00%	0.00%	0.00%	791	750	774
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	791	753	774
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	754	776
	3	Raichur	0.00%	100.00%	0.00%	0.00%	796	758	773
	4	Nizamabad	0.00%	100.00%	0.00%	0.00%	799	769	781
	5	Srikakulam	0.00%	92.81%	7.19%	7.19%	803	772	786
	6	Thiruvallam	0.00%	92.81%	7.19%	7.19%	803	772	789
	7	Vemagiri	0.00%	100.00%	0.00%	0.00%	797	762	789
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	797	772	781
	2	Gaya	0.00%	100.00%	0.00%	0.00%	786	762	787
	3	Jharsuguda	0.00%	99.77%	0.23%	0.23%	801	780	773
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	793	772	792
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	776	750	784
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	402	406
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	394	406
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	403
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	404	407
	6	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	408	399	405
	7	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	411	396	405
	8	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	404
	9	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	411
	10	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	406

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