

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

**System Reliability Indices Report for the week from**  
**20-Sep-2021 to 26-Sep-2021**

Date: 1-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 20-Sep-2021 to 26-Sep-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%	794	755	776
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	794	755	776
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	754	762
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	772	754	762
	5	Anta	0.00%	100.00%	0.00%	0.00%	795	770	785
	6	Ballia	0.00%	100.00%	0.00%	0.00%	784	750	768
	7	Bara	0.00%	100.00%	0.00%	0.00%	781	763	769
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	794	751	777
	9	Bareilly	0.00%	100.00%	0.00%	0.00%	799	755	779
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	740	763
	11	Greater Noida	0.00%	99.76%	0.24%	0.24%	803	757	781
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	794	759	777
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	788	749	771
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	791	753	772
	15	Lalitpur	0.00%	100.00%	0.00%	0.00%	780	755	770
	16	Meerut	0.00%	99.95%	0.05%	0.05%	801	753	778
	17	Moga	0.00%	100.00%	0.00%	0.00%	793	744	774
	18	Phagi	0.00%	100.00%	0.00%	0.00%	796	761	782
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	786	759	775
	20	Unnao	0.00%	100.00%	0.00%	0.00%	781	743	764
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	793	762	780
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	752	773
	3	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	755	775
	4	Bilaspur	0.00%	100.00%	0.00%	0.00%	786	764	777
	5	Bina	0.00%	100.00%	0.00%	0.00%	795	763	782
	6	Champa	0.00%	45.49%	54.51%	54.51%	810	787	800
	7	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	760	774
	8	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	750	772
	9	Ektuni	0.00%	100.00%	0.00%	0.00%	791	750	780
	10	Gwalior	0.00%	100.00%	0.00%	0.00%	799	758	784
	11	Indore	0.00%	100.00%	0.00%	0.00%	789	756	776
	12	Jabalpur	0.00%	99.92%	0.08%	0.08%	801	776	785
	13	Koradi	0.00%	100.00%	0.00%	0.00%	780	755	769
	14	Pune	0.00%	100.00%	0.00%	0.00%	800	754	781
	15	Raigarh Pooling	0.00%	97.55%	2.45%	2.45%	802	785	794
	16	Raipur Pooling	0.00%	99.89%	0.11%	0.11%	800	784	792
	17	Sasan	0.00%	100.00%	0.00%	0.00%	786	767	778
	18	Satna	0.00%	100.00%	0.00%	0.00%	796	770	785
	19	Seoni	0.00%	100.00%	0.00%	0.00%	791	766	780
	20	Sipat	0.00%	100.00%	0.00%	0.00%	787	768	779
	21	Solapur	0.00%	96.24%	3.76%	3.76%	805	767	788
	22	Tamnar	0.00%	91.92%	8.08%	8.08%	804	787	796
	23	Tirora	0.00%	100.00%	0.00%	0.00%	775	752	766
	24	Vadodara	0.00%	100.00%	0.00%	0.00%	790	755	775
	25	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	790	755	782
	26	Wardha	0.00%	100.00%	0.00%	0.00%	790	755	782
	27	Bhuj	0.00%	99.34%	0.66%	0.66%	806	0	774
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	789	751	774
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	754	775
	3	Raichur	0.00%	100.00%	0.00%	0.00%	794	759	776
	4	Nizamabad	0.00%	100.00%	0.00%	0.00%	799	759	780
	5	Srikakulam	0.00%	99.45%	0.55%	0.55%	806	764	786
	6	Thiruvallur	0.00%	99.45%	0.55%	0.55%	806	764	783
	7	Vemagiri	0.00%	99.85%	0.15%	0.15%	805	759	783
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	793	758	779
	2	Gaya	0.00%	100.00%	0.00%	0.00%	779	756	775
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	773	768
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	793	765	786
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	777	749	780
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	400	765
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	390	406
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	402
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	406
	6	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	409	398	405
	7	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	411	392	405
	8	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	404
	9	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	413	392	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.