

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

Date of Reporting: 25-12-2021

System Reliability Indices Report for: 24-12-2021

**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	NER Import	0	0.00	0.00

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

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	NER Import	0	0.00	0.00

**Voltage Profile for the day of 24-12-2021**

Region	Sr.No.	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%	788	743	771
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	788	743	771
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	764	769
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	764	769
	5	Anta	0.00%	100.00%	0.00%	0.00%	790	762	779
	6	Ballia	0.00%	100.00%	0.00%	0.00%	783	749	765
	7	Bara	0.00%	100.00%	0.00%	0.00%	779	763	769
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	756	778
	9	Bareilly	0.00%	97.36%	2.64%	2.64%	805	749	781
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	751	790
	11	Greater Noida	0.00%	99.44%	0.56%	0.56%	802	752	783
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	796	752	777
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	789	751	772
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	794	753	774
	15	Lalitpur	0.00%	100.00%	0.00%	0.00%	779	749	769
	16	Meerut	0.00%	99.17%	0.83%	0.83%	804	754	779
	17	Moga	0.00%	99.79%	0.21%	0.21%	801	745	769
	18	Phagi	0.00%	100.00%	0.00%	0.00%	796	758	779
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	784	757	773
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	784	751	772
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	753	777
	3	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	748	770
	4	Bilaspur	0.00%	100.00%	0.00%	0.00%	782	757	771
	5	Bina	0.00%	100.00%	0.00%	0.00%	792	751	777
	6	Champa	0.00%	93.40%	6.60%	6.60%	802	770	788
	7	Dharamjagarh	0.00%	100.00%	0.00%	0.00%	781	754	770
	8	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	754	775
	9	Ektuni	0.00%	100.00%	0.00%	0.00%	788	754	770
	10	Gwalior	0.00%	100.00%	0.00%	0.00%	799	756	781
	11	Indore	0.00%	100.00%	0.00%	0.00%	791	749	771
	12	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	760	783
	13	Koradi	0.00%	100.00%	0.00%	0.00%	776	752	766
	14	Pune	0.00%	100.00%	0.00%	0.00%	799	753	781
	15	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	765	783
	16	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	793	764	781
	17	Sasan	0.00%	100.00%	0.00%	0.00%	784	762	775
	18	Satna	0.00%	100.00%	0.00%	0.00%	792	759	781
	19	Seoni	0.00%	100.00%	0.00%	0.00%	789	749	770
	20	Sipat	0.00%	100.00%	0.00%	0.00%	782	759	772
	21	Solapur	0.00%	94.24%	5.76%	5.76%	803	763	787
	22	Tamnar	0.00%	100.00%	0.00%	0.00%	795	769	784
	23	Tirora	0.00%	100.00%	0.00%	0.00%	771	753	764
	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	778
	26	Wardha	0.00%	100.00%	0.00%	0.00%	790	755	778
	27	Bhuj	0.00%	100.00%	0.00%	0.00%	782	752	770
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	793	740	776
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	745	778
	3	Raichur	0.00%	100.00%	0.00%	0.00%	797	747	779
	4	Nizamabad	0.00%	100.00%	0.00%	0.00%	797	752	777
	5	Srikakulam	0.00%	100.00%	0.00%	0.00%	798	757	779
	6	Thiruvallam	0.28%	100.00%	0.00%	0.28%	798	757	779
	7	Vemagiri	0.00%	98.96%	1.04%	1.04%	801	755	779
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	789	759	775
	2	Gaya	0.00%	100.00%	0.00%	0.00%	777	752	765
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	766	781
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	787	760	775
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	776	749	764
NER	1	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	398	403
	2	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	410
	3	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	407	413
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	409	402	406
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	412	399	405
	7	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	410
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	413	398	405
	9	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	409

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