

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **01-01-2022**
System Reliability Indices Report for: **31-12-2021**

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 31-12-2021

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%	790	747	771
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	790	747	771
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	761	771
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	785	761	771
	5	Anta	0.00%	100.00%	0.00%	0.00%	795	767	783
	6	Ballia	0.00%	100.00%	0.00%	0.00%	783	747	764
	7	Bara	0.00%	100.00%	0.00%	0.00%	782	763	769
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	753	780
	9	Bareilly	0.00%	92.99%	7.01%	7.01%	804	747	778
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	746	769
	11	Greater Noida	0.00%	99.17%	0.83%	0.83%	801	753	783
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	791	748	772
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	790	744	771
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	796	747	773
	15	Lalitpur	0.00%	100.00%	0.00%	0.00%	777	752	767
	16	Meerut	0.00%	100.00%	0.00%	0.00%	800	750	780
	17	Moga	0.00%	99.44%	0.56%	0.56%	804	752	774
	18	Phagi	0.00%	98.96%	1.04%	1.04%	804	758	782
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	788	756	772
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	788	760	776
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	755	779
	3	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	754	773
	4	Bilaspur	0.00%	100.00%	0.00%	0.00%	790	760	776
	5	Bina	0.00%	100.00%	0.00%	0.00%	795	751	775
	6	Champa	0.00%	67.01%	32.99%	32.99%	810	778	796
	7	Dharamjalgarh	0.00%	100.00%	0.00%	0.00%	789	760	776
	8	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	757	777
	9	Ektuni	0.00%	100.00%	0.00%	0.00%	797	757	776
	10	Gwalior	0.00%	100.00%	0.00%	0.00%	798	752	780
	11	Indore	0.00%	100.00%	0.00%	0.00%	792	754	774
	12	Jabalpur	0.00%	92.43%	7.57%	7.57%	802	764	783
	13	Koradi	0.00%	100.00%	0.00%	0.00%	779	755	768
	14	Pune	0.00%	100.00%	0.00%	0.00%	800	756	784
	15	Raigarh Pooling	0.00%	81.32%	18.68%	18.68%	803	775	790
	16	Raipur Pooling	0.00%	85.76%	14.24%	14.24%	802	774	789
	17	Sasan	0.00%	100.00%	0.00%	0.00%	790	762	776
	18	Satna	0.00%	100.00%	0.00%	0.00%	798	763	782
	19	Seoni	0.00%	100.00%	0.00%	0.00%	798	757	778
	20	Sipat	0.00%	100.00%	0.00%	0.00%	790	763	777
	21	Solapur	0.00%	92.64%	7.36%	7.36%	804	761	787
	22	Tamnar	0.00%	81.39%	18.61%	18.61%	803	777	791
	23	Tirora	0.00%	100.00%	0.00%	0.00%	773	755	765
	24	Vadodara	0.00%	100.00%	0.00%	0.00%	794	753	773
	25	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	794	753	779
	26	Wardha	0.00%	100.00%	0.00%	0.00%	794	753	779
	27	Bhuj	0.00%	100.00%	0.00%	0.00%	778	756	767
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	795	750	778
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	754	778
	3	Raichur	0.00%	100.00%	0.00%	0.00%	798	753	781
	4	Nizamabad	0.00%	81.04%	18.96%	18.96%	809	741	788
	5	Srikakulam	0.00%	97.08%	2.92%	2.92%	801	746	782
	6	Thiruvallam	0.00%	97.08%	2.92%	2.92%	801	746	782
	7	Vemagiri	0.00%	99.58%	0.42%	0.42%	801	741	780
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	795	755	780
	2	Gaya	0.00%	100.00%	0.00%	0.00%	780	750	764
	3	Jharsuguda	0.00%	90.35%	9.65%	9.65%	803	772	789
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	788	762	778
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	791	735	774
NER	1	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	393	403
	2	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	411
	3	Bongaigaon TPS (400 kV)	0.00%	99.93%	0.07%	0.07%	420	405	413
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	406
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	404
	7	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	407
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	404
	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.