

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: 21-12-2021

System Reliability Indices Report for: 20-12-2021

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 20-12-2021

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	750	772
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	790	750	772
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	762	768
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	762	768
	5	Anta	0.00%	100.00%	0.00%	0.00%	788	760	782
	6	Ballia	0.00%	100.00%	0.00%	0.00%	785	752	766
	7	Bara	0.00%	100.00%	0.00%	0.00%	779	763	769
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	792	758	778
	9	Bareilly	0.00%	99.03%	0.97%	0.97%	802	752	781
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	748	765
	11	Greater Noida	0.00%	100.00%	0.00%	0.00%	796	754	780
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	789	751	775
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	790	753	770
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	795	756	776
	15	Lalitpur	0.00%	100.00%	0.00%	0.00%	777	752	767
	16	Meerut	0.00%	100.00%	0.00%	0.00%	794	752	777
	17	Moga	0.00%	100.00%	0.00%	0.00%	795	748	770
	18	Phagi	0.00%	100.00%	0.00%	0.00%	794	768	787
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	787	759	772
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	787	754	773
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	747	775
	3	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	750	768
	4	Bilaspur	0.00%	100.00%	0.00%	0.00%	788	758	771
	5	Bina	0.00%	100.00%	0.00%	0.00%	797	756	776
	6	Champa	0.00%	88.60%	11.40%	11.40%	804	774	788
	7	Dharamjagarh	0.00%	100.00%	0.00%	0.00%	784	758	770
	8	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	754	775
	9	Ektuni	0.00%	100.00%	0.00%	0.00%	793	754	772
	10	Gwalior	0.00%	100.00%	0.00%	0.00%	797	755	779
	11	Indore	0.00%	100.00%	0.00%	0.00%	794	750	772
	12	Jabalpur	0.00%	91.69%	8.31%	8.31%	803	762	782
	13	Koradi	0.00%	100.00%	0.00%	0.00%	776	751	765
	14	Pune	0.00%	100.00%	0.00%	0.00%	798	752	777
	15	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	771	784
	16	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	797	770	782
	17	Sasan	0.00%	100.00%	0.00%	0.00%	788	763	775
	18	Satna	0.00%	100.00%	0.00%	0.00%	798	766	780
	19	Seoni	0.00%	100.00%	0.00%	0.00%	796	753	773
	20	Sipat	0.00%	100.00%	0.00%	0.00%	787	760	772
	21	Solapur	0.00%	100.00%	0.00%	0.00%	800	758	780
	22	Tamnar	0.00%	100.00%	0.00%	0.00%	799	774	785
	23	Tirora	0.00%	100.00%	0.00%	0.00%	769	752	762
	24	Vadodara	0.00%	100.00%	0.00%	0.00%	797	754	777
	25	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	797	754	779
	26	Wardha	0.00%	100.00%	0.00%	0.00%	797	754	779
	27	Bhuj	0.00%	100.00%	0.00%	0.00%	782	0	770
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	795	748	774
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	754	777
	3	Raichur	0.00%	100.00%	0.00%	0.00%	798	753	773
	4	Nizamabad	0.00%	87.49%	12.51%	12.51%	806	747	786
	5	Srikakulam	0.00%	98.40%	1.60%	1.60%	800	751	776
	6	Thiruvallam	0.00%	98.40%	1.60%	1.60%	800	751	776
	7	Vemagiri	0.00%	97.15%	2.85%	2.85%	801	751	777
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	793	754	775
	2	Gaya	0.00%	100.00%	0.00%	0.00%	781	752	761
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	767	782
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	792	762	777
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	780	748	764
NER	1	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	396	404
	2	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	404	411
	3	Bongaigaon TPS (400 kV)	0.00%	99.31%	0.69%	0.69%	420	407	413
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	412	397	405
	7	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	410
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	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.