

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: 22-07-2022

System Reliability Indices Report for: 21-07-2022

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	1	0.25	1.04
3	Import of NR	1	0.25	1.04
4	NEW-SR	1	0.25	1.04
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	1	0.25	1.04
3	Import of NR	1	0.25	1.04
4	NEW-SR	1	0.00	1.04
4	NER Import	0.25	0.00	0.26

Voltage Profile for the day of 21-07-2022

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%	786	751	770
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	786	751	770
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	765	773
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	779	765	773
	5	Anta	0.00%	100.00%	0.00%	0.00%	790	771	782
	6	Ballia	0.00%	100.00%	0.00%	0.00%	781	750	769
	7	Bara	0.00%	100.00%	0.00%	0.00%	779	763	769
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	791	770	781
	9	Bareilly	0.00%	100.00%	0.00%	0.00%	797	757	779
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	749	765
	11	Greater Noida	0.00%	100.00%	0.00%	0.00%	797	763	780
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	788	760	774
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	782	750	769
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	789	749	773
	15	Lalitpur	0.00%	100.00%	0.00%	0.00%	768	748	760
	16	Meerut	0.00%	100.00%	0.00%	0.00%	761	761	761
	17	Moga	0.00%	100.00%	0.00%	0.00%	790	764	779
	18	Phagi	0.00%	100.00%	0.00%	0.00%	793	764	780
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	783	760	774
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	791	765	779
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	753	775
	3	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	765	773
	4	Bilaspur	0.00%	100.00%	0.00%	0.00%	786	768	779
	5	Bina	0.00%	100.00%	0.00%	0.00%	793	772	783
	6	Champa	0.00%	94.70%	5.30%	5.30%	802	781	794
	7	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	768	777
	8	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	760	776
	9	Ektuni	0.00%	100.00%	0.00%	0.00%	791	760	779
	10	Gwalior	0.00%	100.00%	0.00%	0.00%	795	770	784
	11	Indore	0.00%	100.00%	0.00%	0.00%	787	760	773
	12	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	779	787
	13	Koradi	0.00%	100.00%	0.00%	0.00%	777	757	769
	14	Pune	0.00%	100.00%	0.00%	0.00%	799	759	778
	15	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	781	790
	16	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	779	788
	17	Sasan	0.00%	100.00%	0.00%	0.00%	785	770	778
	18	Satna	0.00%	100.00%	0.00%	0.00%	796	777	787
	19	Seoni	0.00%	100.00%	0.00%	0.00%	796	767	784
	20	Sipat	0.00%	100.00%	0.00%	0.00%	788	773	781
	21	Solapur	0.00%	98.54%	1.46%	1.46%	801	756	785
	22	Tamnar	0.00%	100.00%	0.00%	0.00%	796	782	790
	23	Tirora	0.00%	100.00%	0.00%	0.00%	772	755	765
	24	Vadodara	0.00%	100.00%	0.00%	0.00%	798	767	779
	25	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	798	767	782
	26	Wardha	0.00%	100.00%	0.00%	0.00%	798	767	782
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	799	752	778
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	753	775
	3	Raichur	0.00%	97.49%	2.51%	2.51%	802	752	781
	4	Nizamabad	0.00%	77.55%	22.45%	22.45%	804	746	790
	5	Srikakulam	0.00%	100.00%	0.00%	0.00%	800	762	786
	6	Thiruvallam	0.00%	100.00%	0.00%	0.00%	800	762	786
	7	Vemagiri	0.00%	81.45%	18.55%	18.55%	804	762	786
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	796	766	787
	2	Gaya	0.00%	100.00%	0.00%	0.00%	773	750	764
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	787	791
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	792	776	784
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	790	764	780
NER	1	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	407	394	402
	2	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	407
	3	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	405	411
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	410	400	407
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	409	399	405
	7	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	403	396	400
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	409	400	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.