

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

Date of Reporting: 17-12-2021  
System Reliability Indices Report for: 16-12-2021

**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 16-12-2021**

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	749	774
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	788	749	774
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	761	767
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	776	761	767
	5	Anta	0.00%	100.00%	0.00%	0.00%	793	760	778
	6	Ballia	0.00%	100.00%	0.00%	0.00%	782	747	766
	7	Bara	0.00%	100.00%	0.00%	0.00%	784	763	769
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	751	777
	9	Bareilly	0.00%	96.67%	3.33%	3.33%	803	744	781
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	745	768
	11	Greater Noida	0.00%	100.00%	0.00%	0.00%	799	753	782
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	796	746	776
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	793	749	773
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	794	746	774
	15	Lalitpur	0.00%	100.00%	0.00%	0.00%	776	756	768
	16	Meerut	0.00%	100.00%	0.00%	0.00%	800	752	776
	17	Moga	0.00%	100.00%	0.00%	0.00%	798	745	767
	18	Phagi	0.00%	100.00%	0.00%	0.00%	799	755	778
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	787	757	773
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	786	752	774
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	751	776
	3	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	751	773
	4	Bilaspur	0.00%	100.00%	0.00%	0.00%	784	761	774
	5	Bina	0.00%	100.00%	0.00%	0.00%	795	753	779
	6	Champa	0.00%	77.15%	22.85%	22.85%	806	776	791
	7	Dharamjalgarh	0.00%	100.00%	0.00%	0.00%	784	761	773
	8	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	753	777
	9	Ektuni	0.00%	100.00%	0.00%	0.00%	792	753	772
	10	Gwalior	0.00%	100.00%	0.00%	0.00%	799	752	782
	11	Indore	0.00%	100.00%	0.00%	0.00%	788	753	775
	12	Jabalpur	0.00%	99.72%	0.28%	0.28%	801	760	785
	13	Koradi	0.00%	100.00%	0.00%	0.00%	776	752	767
	14	Pune	0.00%	100.00%	0.00%	0.00%	794	768	781
	15	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	774	786
	16	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	772	785
	17	Sasan	0.00%	100.00%	0.00%	0.00%	786	763	777
	18	Satna	0.00%	100.00%	0.00%	0.00%	798	762	784
	19	Seoni	0.00%	100.00%	0.00%	0.00%	792	754	776
	20	Sipat	0.00%	100.00%	0.00%	0.00%	784	767	776
	21	Solapur	0.00%	100.00%	0.00%	0.00%	798	768	786
	22	Tamnar	0.00%	100.00%	0.00%	0.00%	799	776	788
	23	Tirora	0.00%	100.00%	0.00%	0.00%	769	751	762
	24	Vadodara	0.00%	100.00%	0.00%	0.00%	793	750	778
	25	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	793	750	780
	26	Wardha	0.00%	100.00%	0.00%	0.00%	793	750	780
	27	Bhuj	0.00%	100.00%	0.00%	0.00%	778	754	765
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	797	755	778
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	758	780
	3	Raichur	0.00%	100.00%	0.00%	0.00%	800	758	781
	4	Nizamabad	0.00%	99.58%	0.42%	0.42%	802	755	782
	5	Srikakulam	0.00%	100.00%	0.00%	0.00%	797	756	783
	6	Thiruvallam	0.00%	100.00%	0.00%	0.00%	797	756	783
	7	Vemagiri	0.00%	92.51%	7.49%	7.49%	811	753	788
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	789	757	778
	2	Gaya	0.00%	100.00%	0.00%	0.00%	780	748	765
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	773	786
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	791	767	779
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	761	761	761
NER	1	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	399	403
	2	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	405	411
	3	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	407	413
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	409	401	406
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	409	398	406
	7	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	415	403	410
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	410	399	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.