

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

**System Reliability Indices Report for the week from
29-Nov-2021 to 05-Dec-2021**

Date: 10-Dec-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	ER-NER	0	0.00	0.00

Percentage(%) of times (N-1) Criteria 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
4	ER-NER	0	0.00	0.00

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

Voltage Profile for the week from 29-Nov-2021 to 05-Dec-2021

Region		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%	799	747	777
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	799	747	777
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	758	773
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	784	758	773
	5	Anta	0.00%	100.00%	0.00%	0.00%	794	766	785
	6	Ballia	0.00%	100.00%	0.00%	0.00%	784	748	769
	7	Bara	0.00%	100.00%	0.00%	0.00%	785	763	769
	8	Bhiwani	0.00%	99.75%	0.25%	0.25%	802	747	790
	9	Bareilly	0.00%	99.52%	0.48%	0.48%	805	740	779
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	742	766
	11	Greater Noida	0.00%	98.53%	1.47%	1.47%	806	751	785
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	798	753	778
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	794	741	771
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	799	744	775
	15	Lalitpur	0.00%	100.00%	0.00%	0.00%	787	737	768
	17	Moga	0.00%	99.93%	0.07%	0.07%	804	740	769
	18	Phagi	0.00%	99.33%	0.67%	0.67%	806	750	782
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	787	754	775
	20	Unnao	0.00%	100.00%	0.00%	0.00%	789	741	766
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	792	755
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	794	744	774
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	748	773
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	787	758	775
5		Bina	0.00%	100.00%	0.00%	0.00%	795	756	780
6		Champa	0.00%	81.91%	18.09%	18.09%	809	770	792
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	759	775
8		Dhule (BDTCL)	0.00%	99.96%	0.04%	0.04%	801	743	771
9		Ektuni	0.00%	100.00%	0.00%	0.00%	801	743	775
10		Gwalior	0.00%	99.89%	0.11%	0.11%	803	749	783
11		Indore	0.00%	100.00%	0.00%	0.00%	792	744	770
12		Jabalpur	0.00%	98.67%	1.33%	1.33%	802	765	786
13		Koradi	0.00%	100.00%	0.00%	0.00%	783	750	767
14		Pune	0.00%	100.00%	0.00%	0.00%	800	744	783
15		Raigarh Pooling	0.00%	96.90%	3.10%	3.10%	803	767	787
16		Raipur Pooling	0.00%	99.15%	0.85%	0.85%	801	766	785
17		Sasan	0.00%	100.00%	0.00%	0.00%	786	763	777
18		Satna	0.00%	100.00%	0.00%	0.00%	797	756	782
19		Seoni	0.00%	100.00%	0.00%	0.00%	797	759	778
20		Sipat	0.00%	100.00%	0.00%	0.00%	787	763	776
21		Solapur	0.00%	92.66%	7.34%	7.34%	806	755	787
22		Tamnar	0.00%	95.57%	4.43%	4.43%	803	770	788
23		Tirora	0.00%	100.00%	0.00%	0.00%	775	750	763
24		Vadodara	0.00%	100.00%	0.00%	0.00%	799	749	776
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	799	749	780
26		Wardha	0.00%	100.00%	0.00%	0.00%	799	749	780
27		Bhuj	0.00%	100.00%	0.00%	0.00%	787	756	774
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	797	746	774
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	755	778
	3	Raichur	0.00%	99.96%	0.04%	0.04%	801	751	781
	4	Nizamabad	0.00%	91.74%	8.26%	8.26%	810	747	782
	5	Srikakulam	0.00%	98.82%	1.18%	1.18%	804	744	787
	6	Thiruvallam	0.00%	98.82%	1.18%	1.18%	804	744	783
	7	Vemagiri	0.00%	99.89%	0.11%	0.11%	801	748	783
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	795	752	783
	2	Gaya	0.00%	100.00%	0.00%	0.00%	782	752	778
	3	Jharsuguda	0.00%	99.94%	0.06%	0.06%	800	771	768
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	794	767	787
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	772	736	782
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	407
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	394	407
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	403
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	406	410
	6	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	410	400	406
	7	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	406
	8	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	405
	9	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	411	394	410
	10	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	404

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