

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

**System Reliability Indices Report for the week from  
15-Nov-2021 to 21-Nov-2021**

Date: 26-Nov-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	24	6.00	3.57
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	2	0.50	0.30
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 15-Nov-2021 to 21-Nov-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%	798	751	779
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	798	751	779
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	762	770
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	781	762	770
	5	Anta	0.00%	100.00%	0.00%	0.00%	796	761	782
	6	Ballia	0.00%	100.00%	0.00%	0.00%	788	753	772
	7	Bara	0.00%	100.00%	0.00%	0.00%	786	763	769
	8	Bhiwani	0.00%	99.92%	0.08%	0.08%	800	747	779
	9	Bareilly	0.00%	99.99%	0.01%	0.01%	800	744	779
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	744	769
	11	Greater Noida	0.00%	98.71%	1.29%	1.29%	806	752	785
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	799	747	779
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	797	745	773
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	793	748	774
	15	Lalitpur	0.00%	100.00%	0.00%	0.00%	783	755	772
	17	Moga	0.00%	99.95%	0.05%	0.05%	801	741	768
	18	Phagi	0.00%	99.87%	0.13%	0.13%	803	752	782
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	789	759	776
	20	Unnao	0.00%	100.00%	0.00%	0.00%	789	744	765
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	790	757
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	798	752	779
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	741	771
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	793	762	778
5		Bina	0.00%	100.00%	0.00%	0.00%	796	759	780
6		Champa	0.00%	69.05%	30.95%	30.95%	812	777	796
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	761	776
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	748	772
9		Ektuni	0.00%	100.00%	0.00%	0.00%	795	748	774
10		Gwalior	0.00%	100.00%	0.00%	0.00%	800	755	783
11		Indore	0.00%	100.00%	0.00%	0.00%	791	746	770
12		Jabalpur	0.00%	99.04%	0.96%	0.96%	803	766	786
13		Koradi	0.00%	100.00%	0.00%	0.00%	781	755	769
14		Pune	0.00%	100.00%	0.00%	0.00%	800	753	786
15		Raigarh Pooling	0.00%	87.97%	12.03%	12.03%	806	773	791
16		Raipur Pooling	0.00%	94.75%	5.25%	5.25%	805	771	790
17		Sasan	0.00%	100.00%	0.00%	0.00%	786	765	776
18		Satna	0.00%	100.00%	0.00%	0.00%	797	765	782
19		Seoni	0.00%	98.92%	1.08%	1.08%	804	761	784
20		Sipat	0.00%	100.00%	0.00%	0.00%	794	765	779
21		Solapur	0.00%	86.23%	13.77%	13.77%	807	759	787
22		Tamnar	0.00%	86.29%	13.71%	13.71%	806	776	792
23		Tirora	0.00%	100.00%	0.00%	0.00%	775	753	765
24		Vadodara	0.00%	100.00%	0.00%	0.00%	795	753	775
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	753	780
26		Wardha	0.00%	100.00%	0.00%	0.00%	795	753	780
27		Bhuj	0.00%	100.00%	0.00%	0.00%	789	0	771
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	793	748	771
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	751	773
	3	Raichur	0.00%	100.00%	0.00%	0.00%	799	754	778
	4	Nizamabad	0.00%	75.94%	24.06%	24.06%	809	767	779
	5	Srikakulam	0.00%	91.85%	8.15%	8.15%	806	742	791
	6	Thiruvallam	0.00%	91.85%	8.15%	8.15%	806	742	782
	7	Vemagiri	0.00%	94.10%	5.90%	5.90%	805	752	782
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	795	746	785
	2	Gaya	0.00%	100.00%	0.00%	0.00%	783	756	775
	3	Jharsuguda	0.00%	97.41%	2.59%	2.59%	802	770	769
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	796	764	787
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	778	744	783
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	406
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	395	407
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	405	403
	4	Bongaigaon TPS (400 kV)	0.00%	98.76%	1.24%	1.24%	421	407	411
	6	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	406
	7	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	406
	8	Ranganadi (400 kV)	0.00%	99.97%	0.03%	0.03%	420	403	406
	9	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	410
	10	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	405

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