

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

**System Reliability Indices Report for the week from  
08-Aug-2022 to 14-Aug-2022**

Date: 18-Aug-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	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 08-Aug-2022 to 14-Aug-2022

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%	792	747	769	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	792	747	769	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	762	770	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	762	770	
	5	Anta	0.00%	100.00%	0.00%	0.00%	798	766	781	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	786	747	768	
	7	Bara	0.00%	100.00%	0.00%	0.00%	786	763	769	
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	756	781	
	9	Bareilly	0.00%	98.56%	1.44%	1.44%	807	751	776	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	736	770	
	11	Greater Noida	0.00%	98.96%	1.04%	1.04%	803	753	779	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	790	749	773	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	789	743	768	
	14	Lucknow	0.00%	99.88%	0.12%	0.12%	802	745	770	
	17	Moga	0.00%	100.00%	0.00%	0.00%	798	749	772	
	18	Phagi	0.00%	100.00%	0.00%	0.00%	795	759	785	
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	790	757	774	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	787	739	763	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	789	758	775
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	750	773
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	755	768	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	786	766	775	
5		Bina	0.00%	100.00%	0.00%	0.00%	796	763	779	
6		Champa	0.00%	84.03%	15.97%	15.97%	807	780	795	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	763	775	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	755	773	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	794	755	774	
10		Gwalior	0.00%	100.00%	0.00%	0.00%	799	759	782	
11		Indore	0.00%	100.00%	0.00%	0.00%	788	753	770	
12		Jabalpur	0.00%	100.00%	0.00%	0.00%	799	769	784	
13		Koradi	0.00%	100.00%	0.00%	0.00%	774	752	764	
14		Pune	0.00%	100.00%	0.00%	0.00%	800	747	778	
15		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	775	787	
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	797	774	786	
17		Sasan	0.00%	100.00%	0.00%	0.00%	789	765	777	
18		Satna	0.00%	100.00%	0.00%	0.00%	799	769	783	
19		Seoni	0.00%	100.00%	0.00%	0.00%	796	765	780	
20		Sipat	0.00%	100.00%	0.00%	0.00%	786	770	777	
21		Solapur	0.00%	99.92%	0.08%	0.08%	801	765	785	
22		Tannar	0.00%	100.00%	0.00%	0.00%	800	779	790	
23		Tirora	0.00%	100.00%	0.00%	0.00%	769	751	759	
24		Vadodara	0.00%	100.00%	0.00%	0.00%	795	753	773	
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%	786	748	768	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	793	745	768	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	750	776	
	3	Raichur	0.00%	100.00%	0.00%	0.00%	795	748	776	
	4	Nizamabad	0.00%	91.70%	8.30%	8.30%	809	747	780	
	5	Srikakulam	0.00%	86.23%	13.77%	13.77%	808	761	786	
	6	Thiruvallur	0.00%	86.23%	13.77%	13.77%	808	761	790	
	7	Vemagiri	0.00%	79.72%	20.28%	20.28%	813	761	790	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	798	766	790	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	784	754	787	
	3	Jharsuguda	0.00%	99.88%	0.12%	0.12%	801	777	775	
	4	Ranchi	0.00%	99.98%	0.02%	0.02%	918	769	792	
	5	Sasaram	0.00%	99.93%	0.07%	0.07%	802	736	764	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	400	404	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	404	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	407	
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	404	411	
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	407	
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	405	
	7	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	417	388	408	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	407	
	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.