

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
19-Sep-2022 to 25-Sep-2022

Date: 29-Sep-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 19-Sep-2022 to 25-Sep-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%	790	749	774	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	790	749	774	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	751	770	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	751	770	
	5	Anta	0.00%	100.00%	0.00%	0.00%	792	762	779	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	787	748	770	
	7	Bara	0.00%	100.00%	0.00%	0.00%	782	763	769	
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	752	781	
	9	Bareilly	0.00%	99.16%	0.84%	0.84%	802	756	775	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	798	734	771	
	11	Greater Noida	0.00%	99.99%	0.01%	0.01%	800	754	782	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	795	743	775	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	785	755	773	
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	796	748	773	
	17	Moga	0.00%	99.55%	0.45%	0.45%	807	736	772	
	18	Phagi	0.00%	99.88%	0.12%	0.12%	801	758	781	
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	790	757	776	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	785	737	762	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	794	752	776
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	748	775
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	753	769	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	789	767	779	
5		Bina	0.00%	100.00%	0.00%	0.00%	793	762	779	
6		Champa	0.00%	74.40%	25.60%	25.60%	811	781	796	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	772	783	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	750	773	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	791	750	777	
10		Gwalior	0.00%	99.24%	0.76%	0.76%	800	751	784	
11		Indore	0.00%	100.00%	0.00%	0.00%	783	751	767	
12		Jabalpur	0.00%	99.71%	0.29%	0.29%	802	775	787	
13		Koradi	0.00%	100.00%	0.00%	0.00%	780	747	767	
14		Pune	0.00%	100.00%	0.00%	0.00%	800	748	777	
15		Raigarh Pooling	0.00%	99.77%	0.23%	0.23%	801	780	791	
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	800	778	790	
17		Sasan	0.00%	100.00%	0.00%	0.00%	792	768	779	
18		Satna	0.00%	99.80%	0.20%	0.20%	802	771	785	
19		Seoni	0.00%	100.00%	0.00%	0.00%	798	764	784	
20		Sipat	0.00%	100.00%	0.00%	0.00%	789	770	781	
21		Solapur	0.00%	100.00%	0.00%	0.00%	800	758	784	
22		Tannar	0.00%	100.00%	0.00%	0.00%	799	781	791	
23		Tirora	0.00%	100.00%	0.00%	0.00%	774	751	765	
24		Vadodara	0.00%	100.00%	0.00%	0.00%	793	752	772	
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	793	752	782	
26		Wardha	0.00%	100.00%	0.00%	0.00%	793	752	782	
27		Bhuj	0.00%	100.00%	0.00%	0.00%	790	753	775	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	794	747	775	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	750	774	
	3	Raichur	0.00%	100.00%	0.00%	0.00%	796	753	774	
	4	Nizamabad	0.00%	74.24%	25.76%	25.76%	814	745	776	
	5	Srikakulam	0.00%	88.66%	11.34%	11.34%	805	768	788	
	6	Thiruvallam	0.05%	88.66%	11.34%	11.39%	805	768	790	
	7	Vemagiri	0.00%	79.14%	20.86%	20.86%	808	755	790	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	788	760	792	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	783	752	778	
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	800	778	769	
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	794	774	791	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	785	740	767	
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%	408	395	401	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	406	
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	404	410	
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	407	
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	412	397	404	
	7	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	419	407	414	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	410	398	404	
	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.