

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
27-Jun-2022 to 03-Jul-2022

Date: 8-Jul-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	25	6.25	3.72
3	Import of NR	0	0.00	0.00
4	NEW-SR	1	0.25	0.15
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	24	6.00	3.57
2	ER-NR	0	0.00	0.00
3	Import of NR	1	0.25	0.15
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 27-Jun-2022 to 03-Jul-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%	794	742	770	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	794	742	770	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	760	771	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	784	760	771	
	5	Anta	0.00%	99.89%	0.11%	0.11%	801	755	779	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	795	741	769	
	7	Bara	0.00%	100.00%	0.00%	0.00%	785	763	769	
	8	Bhiwani	0.00%	99.81%	0.19%	0.19%	802	750	776	
	9	Bareilly	0.00%	97.07%	2.93%	2.93%	818	747	777	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	793	742	769	
	11	Greater Noida	0.00%	99.92%	0.08%	0.08%	804	749	775	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	744	770	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	794	757	773	
	14	Lucknow	0.00%	99.73%	0.27%	0.27%	805	739	774	
	17	Moga	0.00%	99.94%	0.06%	0.06%	804	745	771	
	18	Phagi	0.00%	99.43%	0.57%	0.57%	807	747	778	
	19	Varanasi	0.01%	99.99%	0.00%	0.01%	792	716	775	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	799	733	760	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	789	753	774
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	753	776
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	748	771	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	789	764	775	
5		Bina	0.00%	100.00%	0.00%	0.00%	794	758	778	
6		Champa	0.00%	93.03%	6.97%	6.97%	808	772	790	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	763	775	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	748	774	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	790	748	773	
10		Gwalior	0.00%	99.41%	0.59%	0.59%	803	756	780	
11		Indore	0.00%	100.00%	0.00%	0.00%	787	748	769	
12		Jabalpur	0.00%	99.86%	0.14%	0.14%	801	767	783	
13		Koradi	0.00%	100.00%	0.00%	0.00%	778	755	767	
14		Pune	0.00%	100.00%	0.00%	0.00%	800	744	778	
15		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	770	785	
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	769	783	
17		Sasan	0.00%	100.00%	0.00%	0.00%	789	765	776	
18		Satna	0.00%	99.05%	0.95%	0.95%	803	769	783	
19		Seoni	0.00%	100.00%	0.00%	0.00%	795	760	779	
20		Sipat	0.00%	100.00%	0.00%	0.00%	789	767	777	
21		Solapur	0.00%	100.00%	0.00%	0.00%	799	758	782	
22		Tannar	0.00%	100.00%	0.00%	0.00%	799	777	789	
23		Tirora	0.00%	100.00%	0.00%	0.00%	774	755	764	
24		Vadodara	0.00%	100.00%	0.00%	0.00%	795	749	772	
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	749	779	
26		Wardha	0.00%	100.00%	0.00%	0.00%	795	749	779	
27		Bhuj	0.00%	100.00%	0.00%	0.00%	796	753	777	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	795	745	777	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	750	774	
	3	Raichur	0.00%	100.00%	0.00%	0.00%	796	752	774	
	4	Nizamabad	0.00%	90.72%	9.28%	9.28%	805	758	777	
	5	Srikakulam	0.00%	100.00%	0.00%	0.00%	794	758	787	
	6	Thiruvallam	0.00%	100.00%	0.00%	0.00%	794	758	780	
	7	Vemagiri	0.00%	100.00%	0.00%	0.00%	797	760	780	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	793	763	781	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	785	752	782	
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	800	779	768	
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	794	764	790	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	793	742	782	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	764	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	406	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	404	
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	408	
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	413	398	405	
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	415	392	405	
	7	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	405	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	404	
	9	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	406	

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