

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
05-Sep-2022 to 11-Sep-2022

Date: 16-Sep-2022

Percentage (%) of times ATC 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	8	2.00	1.19
3	Import of NR	2	0.50	0.30
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 05-Sep-2022 to 11-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%	793	745	771	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	793	745	771	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	761	768	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	774	761	768	
	5	Anta	0.00%	100.00%	0.00%	0.00%	797	763	781	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	788	750	769	
	7	Bara	0.00%	100.00%	0.00%	0.00%	775	763	769	
	8	Bhiwani	0.00%	99.77%	0.23%	0.23%	802	744	779	
	9	Bareilly	0.00%	98.95%	1.05%	1.05%	804	750	779	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	747	769	
	11	Greater Noida	0.00%	99.91%	0.09%	0.09%	801	750	777	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	795	741	773	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	793	749	771	
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	794	740	771	
	17	Moga	0.00%	99.94%	0.06%	0.06%	801	739	771	
	18	Phagi	0.00%	99.71%	0.29%	0.29%	804	753	779	
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	789	757	774	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	779	735	757	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	791	756	773
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	760	779
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	780	755	766	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	790	763	775	
5		Bina	0.00%	100.00%	0.00%	0.00%	794	760	777	
6		Champa	0.00%	96.37%	3.63%	3.63%	806	761	784	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	764	777	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	756	773	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	792	756	772	
10		Gwalior	0.00%	99.82%	0.18%	0.18%	801	755	779	
11		Indore	0.00%	100.00%	0.00%	0.00%	782	751	765	
12		Jabalpur	0.00%	100.00%	0.00%	0.00%	800	770	784	
13		Koradi	0.00%	100.00%	0.00%	0.00%	779	751	763	
14		Pune	0.00%	100.00%	0.00%	0.00%	799	746	776	
15		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	753	781	
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	767	780	
17		Sasan	0.00%	100.00%	0.00%	0.00%	787	765	776	
18		Satna	0.00%	100.00%	0.00%	0.00%	796	766	782	
19		Seoni	0.00%	100.00%	0.00%	0.00%	800	765	780	
20		Sipat	0.00%	100.00%	0.00%	0.00%	790	767	776	
21		Solapur	0.00%	99.70%	0.30%	0.30%	804	763	785	
22		Tannar	0.00%	100.00%	0.00%	0.00%	798	773	785	
23		Tirora	0.00%	100.00%	0.00%	0.00%	774	752	761	
24		Vadodara	0.00%	100.00%	0.00%	0.00%	790	748	770	
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	790	748	779	
26		Wardha	0.00%	100.00%	0.00%	0.00%	790	748	779	
27		Bhuj	0.00%	100.00%	0.00%	0.00%	793	751	775	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	793	753	775	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	754	777	
	3	Raichur	0.00%	100.00%	0.00%	0.00%	796	757	776	
	4	Nizamabad	0.00%	73.46%	26.54%	26.54%	814	748	781	
	5	Srikakulam	0.00%	100.00%	0.00%	0.00%	800	747	792	
	6	Thiruvallam	0.00%	100.00%	0.00%	0.00%	800	747	785	
	7	Vemagiri	0.00%	100.00%	0.00%	0.00%	797	744	785	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	794	753	781	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	785	753	782	
	3	Jharsuguda	0.00%	99.27%	0.73%	0.73%	803	777	769	
	4	Ranchi	0.00%	99.98%	0.02%	0.02%	911	766	790	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	777	745	762	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	407	399	404	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	395	403	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	399	406	
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	403	409	
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	406	
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	404	
	7	Ranganadi (400 kV)	0.00%	98.86%	1.14%	1.14%	421	407	414	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	405	
	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.