

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
07-Dec-2020 to 13-Dec-2020

Date: 18-Dec-2020

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	33	8.25	4.91
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	4	1.00	0.60
2	ER-NR	7	1.75	1.04
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 07-Dec-2020 to 13-Dec-2020

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	Agra	0.00%	99.97%	0.03%	0.03%	801	742	779
	Anpara-C	0.00%	100.00%	0.00%	0.00%	782	761	773
	Anpara-D	0.00%	100.00%	0.00%	0.00%	782	761	773
	Anta	0.00%	100.00%	0.00%	0.00%	795	753	779
	Ballia	0.00%	100.00%	0.00%	0.00%	792	749	778
	Bara	0.00%	100.00%	0.00%	0.00%	791	763	769
	Bhiwani	0.00%	99.75%	0.25%	0.25%	804	736	778
	Bareilly	0.00%	90.17%	9.83%	9.83%	809	741	788
	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	738	769
	Greater Noida	0.00%	96.15%	3.85%	3.85%	810	746	787
	Jhatikara	0.00%	99.59%	0.41%	0.41%	802	742	781
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	800	743	774
	Lucknow	0.00%	96.20%	3.80%	3.80%	804	744	786
	Meerut	0.00%	99.43%	0.57%	0.57%	807	741	781
	Moga	0.00%	99.85%	0.15%	0.15%	801	728	767
	Phagi	0.00%	100.00%	0.00%	0.00%	798	748	778
	Varanasi	0.00%	100.00%	0.00%	0.00%	796	751	780
	Unnao	0.00%	100.00%	0.00%	0.00%	793	732	771
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	751	774
	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	750	772
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	749	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	787	760	772
	Bina	0.00%	100.00%	0.00%	0.00%	799	752	780
	Champa	0.00%	98.73%	1.27%	1.27%	803	773	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	763	776
	Gwalior	0.00%	99.84%	0.16%	0.16%	803	746	781
	Indore	0.00%	100.00%	0.00%	0.00%	785	750	770
	Jabalpur	0.00%	99.87%	0.13%	0.13%	801	757	782
	Koradi	0.00%	100.00%	0.00%	0.00%	779	749	766
	Pune	0.00%	100.00%	0.00%	0.00%	798	750	778
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	800	773	786
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	788	769	782
	Sasan	0.00%	100.00%	0.00%	0.00%	779	756	770
	Satna	0.00%	100.00%	0.00%	0.00%	791	753	775
	Seoni	0.00%	100.00%	0.00%	0.00%	795	754	777
	Sipat	0.00%	100.00%	0.00%	0.00%	786	761	773
	Solapur	0.00%	99.91%	0.09%	0.09%	801	759	781
	Tamnar	0.00%	99.97%	0.03%	0.03%	800	776	788
Tirora	0.00%	100.00%	0.00%	0.00%	770	749	761	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	762	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	762	771	
Wardha	0.00%	100.00%	0.00%	0.00%	795	762	782	
SR	Kurnool	0.00%	99.95%	0.05%	0.05%	800	744	776
	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	743	773
	Raichur	0.00%	99.77%	0.23%	0.23%	803	749	777
	Nizamabad	0.00%	95.55%	4.45%	4.45%	806	763	788
	Srikakulam	0.00%	90.55%	9.45%	9.45%	810	745	784
	Thiruvallam	0.00%	90.55%	9.45%	9.45%	810	745	784
Vemagiri	0.00%	71.09%	28.91%	28.91%	813	754	790	
ER	Angul	0.00%	100.00%	0.00%	0.00%	798	755	778
	Gaya	0.00%	100.00%	0.00%	0.00%	790	750	776
	Jharsuguda	0.00%	98.92%	1.08%	1.08%	802	776	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	764	780
	Sasaram	0.00%	99.69%	0.31%	0.31%	808	739	768
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	410
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	403	412
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	406
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	418	410	414
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	415	389	403
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	414	388	403
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	404
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	409	

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