

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

**System Reliability Indices Report for the week from
28-Dec-2020 to 03-Jan-2021**

Date: 8-Jan-2021

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	11	2.75	1.64
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	3	0.75	0.45
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 28-Dec-2020 to 03-Jan-2021

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%	100.00%	0.00%	0.00%	793	746	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	757	768
	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	757	768
	Anta	0.00%	100.00%	0.00%	0.00%	798	762	783
	Ballia	0.00%	100.00%	0.00%	0.00%	789	747	771
	Bara	0.00%	100.00%	0.00%	0.00%	797	763	769
	Bhiwani	0.00%	98.34%	1.66%	1.66%	805	752	782
	Bareilly	0.00%	99.97%	0.03%	0.03%	800	737	776
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	737	765
	Greater Noida	0.00%	99.57%	0.43%	0.43%	801	753	785
	Jhatikara	0.00%	100.00%	0.00%	0.00%	796	739	777
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	792	750	772
	Lucknow	0.00%	99.74%	0.26%	0.26%	802	747	780
	Meerut	0.00%	99.99%	0.01%	0.01%	800	750	775
	Moga	0.00%	100.00%	0.00%	0.00%	797	748	774
	Phagi	0.00%	100.00%	0.00%	0.00%	799	745	775
	Varanasi	0.00%	99.74%	0.26%	0.26%	802	754	779
Unnao	0.00%	95.94%	4.06%	4.06%	812	738	769	
WR	Akola	0.00%	100.00%	0.00%	0.00%	792	750	776
	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	750	774
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	751	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	794	752	772
	Bina	0.00%	100.00%	0.00%	0.00%	794	753	779
	Champa	0.00%	100.00%	0.00%	0.00%	797	768	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	758	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	752	777
	Indore	0.00%	100.00%	0.00%	0.00%	796	748	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	757	777
	Koradi	0.00%	100.00%	0.00%	0.00%	795	745	772
	Pune	0.00%	100.00%	0.00%	0.00%	800	746	775
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	794	756	779
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	786	758	776
	Sasan	0.00%	100.00%	0.00%	0.00%	783	758	770
	Satna	0.00%	100.00%	0.00%	0.00%	794	754	776
	Seoni	0.00%	100.00%	0.00%	0.00%	790	752	772
	Sipat	0.00%	100.00%	0.00%	0.00%	779	756	769
	Solapur	0.00%	100.00%	0.00%	0.00%	799	756	782
	Tamnar	0.00%	100.00%	0.00%	0.00%	795	774	785
Tirora	0.00%	100.00%	0.00%	0.00%	792	752	772	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	757	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	757	772	
Wardha	0.00%	100.00%	0.00%	0.00%	795	757	778	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	799	744	777
	Nellore PS	0.00%	99.96%	0.04%	0.04%	801	745	774
	Raichur	0.00%	99.75%	0.25%	0.25%	801	746	779
	Nizamabad	0.00%	96.83%	3.17%	3.17%	807	745	781
	Srikakulam	0.00%	95.26%	4.74%	4.74%	811	758	783
	Thiruvallam	0.00%	95.26%	4.74%	4.74%	811	758	783
	Vemagiri	0.00%	81.52%	18.48%	18.48%	814	757	786
ER	Angul	0.00%	100.00%	0.00%	0.00%	797	755	773
	Gaya	0.00%	100.00%	0.00%	0.00%	788	749	773
	Jharsuguda	0.00%	99.95%	0.05%	0.05%	800	772	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	752	776
	Sasaram	0.00%	100.00%	0.00%	0.00%	798	742	769
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	405	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	410
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	404	412
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	405
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	413
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	393	407
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	418	394	406
	Biswanath Chariali (400 kV)	0.01%	99.99%	0.00%	0.01%	416	369	405
Silchar (400 kV)	0.02%	100.00%	0.00%	0.02%	412	405	409	

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