

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

**System Reliability Indices Report for the week from
27-Jul-2020 to 02-Aug-2020**

Date: 7/Aug/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	80	20.00	11.90
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	36	9.00	5.36
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 27-Jul-2020 to 02-Aug-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%	100.00%	0.00%	0.00%	800	747	776
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	756	766
	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	756	766
	Anta	0.00%	100.00%	0.00%	0.00%	792	760	778
	Ballia	0.00%	100.00%	0.00%	0.00%	792	744	770
	Bara	0.00%	100.00%	0.00%	0.00%	791	763	769
	Bhiwani	0.00%	99.70%	0.30%	0.30%	800	750	779
	Bareilly	0.00%	98.17%	1.83%	1.83%	805	742	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	737	762
	Greater Noida	0.00%	97.45%	2.55%	2.55%	806	750	778
	Jhatikara	0.00%	99.93%	0.07%	0.07%	800	743	773
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	794	745	771
	Lucknow	0.00%	100.00%	0.00%	0.00%	799	745	772
	Meerut	0.00%	98.57%	1.43%	1.43%	805	749	776
	Moga	0.00%	100.00%	0.00%	0.00%	798	753	772
	Phagi	0.00%	100.00%	0.00%	0.00%	797	748	776
	Varanasi	0.00%	100.00%	0.00%	0.00%	792	751	774
Unnao	0.00%	100.00%	0.00%	0.00%	786	739	762	
WR	Akola	0.00%	97.16%	2.84%	2.84%	804	764	789
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	752	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	756	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	788	763	776
	Bina	0.00%	99.96%	0.04%	0.04%	801	758	778
	Champa	0.00%	98.42%	1.58%	1.58%	805	775	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	767	777
	Gwalior	0.00%	99.54%	0.46%	0.46%	803	748	778
	Indore	0.00%	100.00%	0.00%	0.00%	784	751	768
	Jabalpur	0.00%	97.75%	2.25%	2.25%	806	765	781
	Koradi	0.00%	100.00%	0.00%	0.00%	787	756	775
	Pune	0.00%	100.00%	0.00%	0.00%	799	754	781
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	776	786
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	785	765	781
	Sasan	0.00%	100.00%	0.00%	0.00%	784	760	770
	Satna	0.00%	100.00%	0.00%	0.00%	796	756	774
	Seoni	0.00%	100.00%	0.00%	0.00%	795	761	781
	Sipat	0.00%	100.00%	0.00%	0.00%	787	766	776
	Solapur	0.00%	94.32%	5.68%	5.68%	805	756	788
	Tamnar	0.00%	100.00%	0.00%	0.00%	799	778	788
Tirora	0.00%	100.00%	0.00%	0.00%	784	753	772	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	764	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	797	764	771	
Wardha	0.00%	100.00%	0.00%	0.00%	797	764	779	
SR	Kurnool	0.00%	98.99%	1.01%	1.01%	803	747	782
	Nellore PS	0.00%	98.90%	1.10%	1.10%	803	750	782
	Raichur	0.00%	96.67%	3.33%	3.33%	804	747	783
	Nizamabad	0.00%	96.44%	3.56%	3.56%	807	739	783
	Srikakulam	0.00%	92.09%	7.91%	7.91%	806	769	793
	Thiruvalam	0.00%	92.09%	7.91%	7.91%	806	769	793
	Vemagiri	0.00%	75.16%	24.84%	24.84%	808	771	795
ER	Angul	0.00%	99.94%	0.06%	0.06%	802	760	782
	Gaya	0.00%	100.00%	0.00%	0.00%	790	748	769
	Jharsuguda	0.00%	91.24%	8.76%	8.76%	807	778	794
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	769	781
	Sasaram	0.00%	100.00%	0.00%	0.00%	781	741	761
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	407
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	410
	Byrnhat (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	408
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	415	406	411
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	389	405
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	412
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	389	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	406

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