

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

**System Reliability Indices Report for the week from  
19-Jul-2020 to 25-Jul-2020**

Date: 31-Jul-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	0	0.00	0.00
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	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 19-Jul-2020 to 25-Jul-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%	99.99%	0.01%	0.01%	801	753	778
	Agra (Fatehabad)	0.00%	79.90%	8.31%	8.31%	807	766	788
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	755	767
	Anpara-D	0.00%	100.00%	0.00%	0.00%	776	755	767
	Anta	0.00%	100.00%	0.00%	0.00%	798	745	784
	Ballia	0.00%	100.00%	0.00%	0.00%	794	747	774
	Bara	0.00%	100.00%	0.00%	0.00%	789	763	769
	Bhiwani	0.00%	98.17%	1.83%	1.83%	801	758	782
	Bareilly	0.00%	99.97%	0.03%	0.03%	801	749	779
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	739	766
	Greater Noida	0.00%	99.17%	0.83%	0.83%	803	755	780
	Jhatikara	0.00%	100.00%	0.00%	0.00%	799	752	777
	Kanpur GIS	0.00%	99.90%	0.10%	0.10%	801	748	775
	Lucknow	0.00%	99.11%	0.89%	0.89%	803	747	778
	Meerut	0.00%	99.84%	0.16%	0.16%	801	743	773
	Moga	0.00%	99.99%	0.01%	0.01%	797	741	776
	Phagi	0.00%	100.00%	0.00%	0.00%	799	757	781
Varanasi	0.00%	100.00%	0.00%	0.00%	797	755	779	
Unnao	0.00%	100.00%	0.00%	0.00%	787	735	767	
WR	Akola	0.00%	100.00%	0.00%	0.00%	797	766	785
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	752	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	758	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	783	765	774
	Bina	0.00%	100.00%	0.00%	0.00%	795	766	781
	Champa	0.00%	100.00%	0.00%	0.00%	799	778	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	768	776
	Gwalior	0.00%	99.80%	0.20%	0.20%	801	760	781
	Indore	0.00%	100.00%	0.00%	0.00%	786	759	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	771	782
	Koradi	0.00%	100.00%	0.00%	0.00%	781	757	771
	Pune	0.00%	100.00%	0.00%	0.00%	800	751	785
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	777	784
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	784	765	775
	Sasan	0.00%	100.00%	0.00%	0.00%	780	761	771
	Satna	0.00%	100.00%	0.00%	0.00%	792	763	777
	Seoni	0.00%	100.00%	0.00%	0.00%	794	765	781
	Sipat	0.00%	100.00%	0.00%	0.00%	782	767	774
	Solapur	0.00%	99.80%	0.20%	0.20%	801	756	785
	Tamnar	0.00%	100.00%	0.00%	0.00%	796	779	786
Tirora	0.00%	100.00%	0.00%	0.00%	776	755	768	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	765	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	797	765	773	
Wardha	0.00%	100.00%	0.00%	0.00%	797	765	777	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	792	750	774
	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	756	774
	Raichur	0.00%	100.00%	0.00%	0.00%	795	750	777
	Nizamabad	0.00%	97.09%	2.91%	2.91%	803	751	784
	Srikakulam	0.00%	95.84%	4.16%	4.16%	807	766	788
	Thiruvallam	0.00%	95.84%	4.16%	4.16%	807	766	788
	Vemagiri	0.00%	79.06%	20.94%	20.94%	812	772	794
ER	Angul	0.00%	100.00%	0.00%	0.00%	798	762	778
	Gaya	0.00%	100.00%	0.00%	0.00%	794	752	776
	Jharsuguda	0.00%	95.07%	4.93%	4.93%	804	780	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	768	781
	Sasaram	0.00%	100.00%	0.00%	0.00%	780	741	763
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	404	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	409
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	412
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	413	404	409
	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%	417	395	405
	Ranganadi (400 kV)	0.00%	98.92%	1.08%	1.08%	422	405	412
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	391	407
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	406	

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