

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

**System Reliability Indices Report for the week from  
24-Aug-2020 to 30-Aug-2020**

Date: 4-Sep-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 24-Aug-2020 to 30-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%	99.99%	0.01%	0.01%	801	748	777
	Agra (Fatehabad)	0.00%	76.41%	9.92%	9.92%	808	759	787
	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	756	766
	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	756	766
	Anta	0.00%	100.00%	0.00%	0.00%	797	764	784
	Ballia	0.00%	100.00%	0.00%	0.00%	786	747	769
	Bara	0.00%	100.00%	0.00%	0.00%	790	763	769
	Bhiwani	0.00%	99.52%	0.48%	0.48%	802	753	780
	Bareilly	0.00%	99.90%	0.10%	0.10%	801	748	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	734	763
	Greater Noida	0.00%	96.97%	3.03%	3.03%	805	751	780
	Jhatikara	0.00%	100.00%	0.00%	0.00%	799	743	775
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	797	746	772
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	748	774
	Meerut	0.00%	99.35%	0.65%	0.65%	804	747	778
	Moga	0.00%	100.00%	0.00%	0.00%	799	745	775
	Phagi	0.00%	100.00%	0.00%	0.00%	799	752	780
	Varanasi	0.00%	100.00%	0.00%	0.00%	793	755	774
Unnao	0.00%	100.00%	0.00%	0.00%	789	736	766	
WR	Akola	0.00%	100.00%	0.00%	0.00%	798	746	785
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	752	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	757	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	784	767	776
	Bina	0.00%	100.00%	0.00%	0.00%	796	765	781
	Champa	0.00%	98.04%	1.96%	1.96%	804	783	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	769	781
	Gwalior	0.00%	99.82%	0.18%	0.18%	800	755	780
	Indore	0.00%	100.00%	0.00%	0.00%	782	750	767
	Jabalpur	0.00%	99.89%	0.11%	0.11%	801	771	786
	Koradi	0.00%	100.00%	0.00%	0.00%	780	745	769
	Pune	0.00%	100.00%	0.00%	0.00%	800	750	779
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	800	782	791
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	795	773	782
	Sasan	0.00%	100.00%	0.00%	0.00%	781	763	771
	Satna	0.00%	100.00%	0.00%	0.00%	790	762	776
	Seoni	0.00%	100.00%	0.00%	0.00%	796	765	784
	Sipat	0.00%	100.00%	0.00%	0.00%	783	768	776
	Solapur	0.00%	98.83%	1.17%	1.17%	801	753	785
	Tamnar	0.00%	99.91%	0.09%	0.09%	801	784	792
Tirora	0.00%	100.00%	0.00%	0.00%	770	740	761	
Vadodara	0.00%	100.00%	0.00%	0.00%	800	764	785	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	800	764	773	
Wardha	0.00%	100.00%	0.00%	0.00%	800	764	784	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	797	744	777
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	745	777
	Raichur	0.00%	100.00%	0.00%	0.00%	797	747	779
	Nizamabad	0.00%	90.94%	9.06%	9.06%	805	752	789
	Srikakulam	0.00%	93.40%	6.60%	6.60%	805	766	789
	Thiruvallam	0.00%	93.40%	6.60%	6.60%	805	766	789
	Vemagiri	0.00%	77.98%	22.02%	22.02%	811	769	793
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	761	778
	Gaya	0.00%	100.00%	0.00%	0.00%	790	748	768
	Jharsuguda	0.00%	95.67%	4.33%	4.33%	803	783	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	763	781
	Sasaram	0.00%	100.00%	0.00%	0.00%	798	738	767
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	405
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	409
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	406
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	416	408	412
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	391	405
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	417	393	404
Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	394	406	
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	405	

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