

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
21-Jun-2020 to 27-Jun-2020

Date: 3-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	23	5.75	3.42
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	8	2.00	1.19
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 21-Jun-2020 to 27-Jun-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	751	778
	Agra (Fatehabad)	0.00%	85.71%	0.00%	0.00%	793	743	769
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	755	766
	Anpara-D	0.00%	100.00%	0.00%	0.00%	777	755	766
	Anta	0.00%	100.00%	0.00%	0.00%	793	760	780
	Ballia	0.00%	100.00%	0.00%	0.00%	789	747	770
	Bara	0.00%	100.00%	0.00%	0.00%	791	763	769
	Bhiwani	0.00%	99.77%	0.23%	0.23%	800	761	781
	Bareilly	0.00%	99.86%	0.14%	0.14%	800	751	778
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	749	771
	Greater Noida	0.00%	98.30%	1.70%	1.70%	805	758	782
	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	750	776
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	797	750	775
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	752	776
	Meerut	0.00%	98.67%	1.33%	1.33%	805	759	781
	Moga	0.00%	99.96%	0.04%	0.04%	801	761	780
	Phagi	0.00%	100.00%	0.00%	0.00%	796	748	779
	Varanasi	0.00%	100.00%	0.00%	0.00%	794	755	777
Unnao	0.00%	100.00%	0.00%	0.00%	789	745	768	
WR	Akola	0.00%	99.36%	0.64%	0.64%	802	763	785
	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	749	774
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	756	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	784	762	772
	Bina	0.00%	100.00%	0.00%	0.00%	796	761	779
	Champa	0.00%	100.00%	0.00%	0.00%	799	774	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	766	775
	Gwalior	0.00%	99.82%	0.18%	0.18%	800	752	780
	Indore	0.00%	100.00%	0.00%	0.00%	782	748	766
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	768	782
	Koradi	0.00%	100.00%	0.00%	0.00%	787	754	772
	Pune	0.00%	100.00%	0.00%	0.00%	794	751	775
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	793	774	783
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	785	766	775
	Sasan	0.00%	100.00%	0.00%	0.00%	782	761	770
	Satna	0.00%	100.00%	0.00%	0.00%	793	759	775
	Seoni	0.00%	100.00%	0.00%	0.00%	793	763	778
	Sipat	0.00%	100.00%	0.00%	0.00%	783	764	773
	Solapur	0.00%	100.00%	0.00%	0.00%	799	753	783
	Tamnar	0.00%	100.00%	0.00%	0.00%	795	777	785
Tirora	0.00%	100.00%	0.00%	0.00%	781	751	768	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	762	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	797	762	772	
Wardha	0.00%	100.00%	0.00%	0.00%	797	762	774	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	798	746	779
	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	748	775
	Raichur	0.00%	100.00%	0.00%	0.00%	797	745	780
	Nizamabad	0.00%	100.00%	0.00%	0.00%	791	749	776
	Srikakulam	0.00%	98.73%	1.27%	1.27%	801	756	786
	Thiruvallam	0.00%	98.73%	1.27%	1.27%	801	756	786
	Vemagiri	0.00%	93.82%	6.18%	6.18%	806	763	790
ER	Angul	0.00%	100.00%	0.00%	0.00%	797	755	779
	Gaya	0.00%	100.00%	0.00%	0.00%	789	748	771
	Jharsuguda	0.00%	97.88%	2.12%	2.12%	804	776	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	768	781
	Sasaram	0.00%	100.00%	0.00%	0.00%	795	740	764
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	405	405	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	406
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	407
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	415	408	412
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	407
	Ranganadi (400 kV)	0.00%	99.22%	0.78%	0.78%	422	407	414
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	409
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	397	405	

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