

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

**System Reliability Indices Report for the week from
05-Jul-2020 to 11-Jul-2020**

Date: 17-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	36	9.00	5.36
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	6	1.50	0.89
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 05-Jul-2020 to 11-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%	99.71%	0.29%	0.29%	805	750	777
	Agra (Fatehabad)	0.00%	79.61%	8.54%	8.54%	807	762	787
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	758	768
	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	758	768
	Anta	0.00%	100.00%	0.00%	0.00%	793	760	778
	Ballia	0.00%	100.00%	0.00%	0.00%	791	747	770
	Bara	0.00%	100.00%	0.00%	0.00%	792	763	769
	Bhiwani	0.00%	97.93%	2.07%	2.07%	806	754	780
	Bareilly	0.00%	96.80%	3.20%	3.20%	804	749	779
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	740	763
	Greater Noida	0.00%	95.00%	5.00%	5.00%	810	754	780
	Jhatikara	0.00%	99.60%	0.40%	0.40%	804	749	784
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	796	748	774
	Lucknow	0.00%	99.60%	0.40%	0.40%	801	748	777
	Meerut	0.00%	96.66%	3.34%	3.34%	811	749	777
	Moga	0.00%	99.69%	0.31%	0.31%	802	746	773
	Phagi	0.00%	100.00%	0.00%	0.00%	798	751	778
	Varanasi	0.00%	100.00%	0.00%	0.00%	794	755	776
Unnao	0.00%	100.00%	0.00%	0.00%	790	743	769	
WR	Akola	0.00%	96.34%	3.66%	3.66%	806	770	791
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	756	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	760	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	788	764	777
	Bina	0.00%	99.95%	0.05%	0.05%	800	759	782
	Champa	0.00%	99.47%	0.53%	0.53%	803	774	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	766	779
	Gwalior	0.00%	99.38%	0.63%	0.63%	806	754	781
	Indore	0.00%	100.00%	0.00%	0.00%	787	754	773
	Jabalpur	0.00%	99.67%	0.33%	0.33%	802	766	787
	Koradi	0.00%	100.00%	0.00%	0.00%	789	760	777
	Pune	0.00%	100.00%	0.00%	0.00%	800	757	784
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	774	787
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	786	766	780
	Sasan	0.00%	100.00%	0.00%	0.00%	785	762	774
	Satna	0.00%	100.00%	0.00%	0.00%	795	759	779
	Seoni	0.00%	100.00%	0.00%	0.00%	797	766	785
	Sipat	0.00%	100.00%	0.00%	0.00%	786	768	777
	Solapur	0.00%	94.71%	5.29%	5.29%	806	758	790
	Tamnar	0.00%	100.00%	0.00%	0.00%	798	778	789
Tirora	0.00%	100.00%	0.00%	0.00%	784	757	772	
Vadodara	0.00%	100.00%	0.00%	0.00%	798	769	785	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	798	769	775	
Wardha	0.00%	99.97%	0.03%	0.03%	798	769	785	
SR	Kurnool	0.00%	99.61%	0.39%	0.39%	801	750	782
	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	750	780
	Raichur	0.00%	99.35%	0.65%	0.65%	802	750	784
	Nizamabad	0.00%	93.92%	6.08%	6.08%	808	744	786
	Srikakulam	0.00%	92.83%	7.17%	7.17%	807	767	791
	Thiruvallam	0.00%	92.83%	7.17%	7.17%	807	767	791
	Vemagiri	0.00%	78.58%	21.42%	21.42%	813	763	794
ER	Angul	0.00%	100.00%	0.00%	0.00%	791	762	780
	Gaya	0.00%	100.00%	0.00%	0.00%	790	750	771
	Jharsuguda	0.00%	89.23%	10.77%	10.77%	805	779	794
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	765	781
Sasaram	0.67%	99.33%	0.00%	0.67%	784	719	760	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	403	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	407
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	411
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	416	407	411
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	394	406
	Ranganadi (400 kV)	0.00%	98.18%	1.82%	1.82%	421	405	414
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	407

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