

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

**System Reliability Indices Report for the week from
28-Jun-2020 to 04-Jul-2020**

Date: 10-Jul-2020

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	0.15
2	ER-NR	45	11.25	6.70
3	Import of NR	1	0.25	0.15
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	31	7.75	4.61
3	Import of NR	1	0.25	0.15
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 28-Jun-2020 to 04-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%	100.00%	0.00%	0.00%	799	752	777
	Agra (Fatehabad)	0.00%	80.49%	5.23%	5.23%	805	741	781
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	757	766
	Anpara-D	0.00%	100.00%	0.00%	0.00%	775	757	766
	Anta	0.00%	100.00%	0.00%	0.00%	793	737	777
	Ballia	0.00%	100.00%	0.00%	0.00%	789	748	769
	Bara	0.00%	100.00%	0.00%	0.00%	791	763	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	749	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	798	749	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	748	769
	Greater Noida	0.00%	98.06%	1.94%	1.94%	808	753	777
	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	744	773
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	795	753	775
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	748	773
	Meerut	0.00%	95.87%	4.13%	4.13%	810	756	782
	Moga	0.00%	100.00%	0.00%	0.00%	797	750	776
	Phagi	0.00%	100.00%	0.00%	0.00%	797	750	776
	Varanasi	0.00%	100.00%	0.00%	0.00%	794	757	776
Unnao	0.00%	100.00%	0.00%	0.00%	790	745	767	
WR	Akola	0.00%	99.98%	0.02%	0.02%	800	773	788
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	760	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	752	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	785	766	775
	Bina	0.00%	100.00%	0.00%	0.00%	795	763	780
	Champa	0.00%	99.98%	0.02%	0.02%	800	773	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	766	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	742	780
	Indore	0.00%	100.00%	0.00%	0.00%	782	748	766
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	767	782
	Koradi	0.00%	100.00%	0.00%	0.00%	784	763	774
	Pune	0.00%	100.00%	0.00%	0.00%	798	758	780
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	775	785
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	790	771	779
	Sasan	0.00%	100.00%	0.00%	0.00%	782	760	771
	Satna	0.00%	100.00%	0.00%	0.00%	791	760	776
	Seoni	0.00%	100.00%	0.00%	0.00%	796	769	782
	Sipat	0.00%	100.00%	0.00%	0.00%	784	768	776
	Solapur	0.00%	96.55%	3.45%	3.45%	803	769	789
	Tamnar	0.00%	100.00%	0.00%	0.00%	798	777	788
Tirora	0.00%	100.00%	0.00%	0.00%	778	760	770	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	763	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	763	772	
Wardha	0.00%	100.00%	0.00%	0.00%	795	763	781	
SR	Kurnool	0.00%	98.99%	1.01%	1.01%	802	755	782
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	760	781
	Raichur	0.00%	98.58%	1.42%	1.42%	802	760	784
	Nizamabad	0.00%	88.30%	11.70%	11.70%	808	764	786
	Srikakulam	0.00%	91.49%	8.51%	8.51%	805	772	791
	Thiruvallam	0.00%	91.49%	8.51%	8.51%	805	772	791
	Vemagiri	0.00%	82.10%	17.90%	17.90%	809	774	793
ER	Angul	0.00%	100.00%	0.00%	0.00%	794	764	780
	Gaya	0.00%	100.00%	0.00%	0.00%	787	751	771
	Jharsuguda	0.00%	93.43%	6.57%	6.57%	806	781	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	766	781
	Sasaram	0.00%	100.00%	0.00%	0.00%	799	737	760
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408
	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	396	407
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408
	Palatana (400 kV)	0.00%	99.99%	0.01%	0.01%	420	386	409
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	415	392	406
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	419	403	413
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	393	407
Silchar (400 kV)	8.47%	91.53%	0.00%	8.47%	415	350	401	

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