

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

**System Reliability Indices Report for the week from
29-Jul-2019 to 04-Aug-2019**

Date: 9-Aug-2019

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	0	0.00	0.00
3	Import of NR	15	3.75	2.23
4	NEW-SR	0	0.00	0.00
5	ER-NER	1	0.25	0.15

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	5	1.25	0.74
3	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
4	ER-NER	1	0.25	0.15

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 29-Jul-2019 to 04-Aug-2019

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%	99.82%	0.18%	0.18%	802	754	781
	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	749	769
	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	749	766
	Anta	0.00%	100.00%	0.00%	0.00%	794	771	784
	Ballia	0.00%	100.00%	0.00%	0.00%	793	737	774
	Bhiwani	0.00%	100.00%	0.00%	0.00%	800	751	780
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	743	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	738	773
	Greater Noida	0.00%	98.37%	1.63%	1.63%	806	755	782
	Jhatikara	0.00%	100.00%	0.00%	0.00%	799	747	776
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	797	746	776
	Lucknow	0.00%	99.71%	0.29%	0.29%	802	741	775
	Lalitpur	0.00%	100.00%	0.00%	0.00%	791	762	777
	Meerut	0.00%	99.72%	0.28%	0.28%	804	743	779
	Moga	0.00%	100.00%	0.00%	0.00%	792	743	771
	Phagi	0.00%	100.00%	0.00%	0.00%	800	764	784
	Varanasi	0.00%	99.81%	0.19%	0.19%	801	749	780
Unnao	0.00%	100.00%	0.00%	0.00%	784	729	761	
WR	Akola	0.00%	100.00%	0.00%	0.00%	799	773	788
	Aurangabad	0.00%	98.58%	1.42%	1.42%	803	770	787
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	759	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	785	769	778
	Bina	0.00%	100.00%	0.00%	0.00%	793	763	781
	Champa	0.00%	100.00%	0.00%	0.00%	797	776	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	774	778
	Gwalior	0.00%	99.92%	0.08%	0.08%	801	760	782
	Indore	0.00%	100.00%	0.00%	0.00%	776	751	765
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	771	787
	Koradi	0.00%	100.00%	0.00%	0.00%	783	763	774
	Pune	0.00%	100.00%	0.00%	0.00%	800	740	767
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	794	779	786
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	785	773	780
	Sasan	0.00%	100.00%	0.00%	0.00%	781	764	773
	Satna	0.00%	100.00%	0.00%	0.00%	793	762	779
	Seoni	0.00%	100.00%	0.00%	0.00%	799	775	787
	Sipat	0.00%	100.00%	0.00%	0.00%	785	771	778
	Solapur	0.00%	87.76%	12.24%	12.24%	806	769	793
	Tamnar	0.00%	100.00%	0.00%	0.00%	796	782	789
	Tirora	0.00%	100.00%	0.00%	0.00%	774	758	767
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	763	781
	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	763	774
Wardha	0.00%	99.01%	0.99%	0.99%	795	763	787	
SR	Kurnool	0.00%	99.89%	0.11%	0.11%	801	757	782
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	754	779
	Raichur	0.00%	99.43%	0.57%	0.57%	802	761	786
	Nizamabad	0.00%	80.48%	19.52%	19.52%	813	763	792
	Srikakulam	0.00%	100.00%	0.00%	0.00%	800	781	789
	Thiruvallam	0.00%	100.00%	0.00%	0.00%	800	781	789
Vemagiri	0.00%	100.00%	0.00%	0.00%	783	762	774	
ER	Angul	0.00%	99.94%	0.06%	0.06%	800	775	786
	Gaya	0.00%	100.00%	0.00%	0.00%	791	742	772
	Jharsuguda	0.00%	95.43%	4.57%	4.57%	804	781	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	786	766	778
Sasaram	0.00%	100.00%	0.00%	0.00%	784	739	767	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	392	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	385	400
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	407
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	406
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	419	405	413
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	394	407
	Ranganadi (400 kV)	0.00%	99.93%	0.07%	0.07%	420	401	412
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	390	404
	Silchar (400 kV)	0.00%	98.39%	1.61%	1.61%	420	391	409

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