

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
22-Jul-2019 to 28-Jul-2019

Date: 2-Aug-2019

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	2	0.50	0.30
3	Import of NR	16	4.00	2.38
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	2	0.50	0.30
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 22-Jul-2019 to 28-Jul-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%	99.97%	0.03%	0.03%	803	762	782
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	758	769
	Anpara-D	0.00%	100.00%	0.00%	0.00%	783	757	767
	Anta	0.00%	99.27%	0.73%	0.73%	801	770	785
	Ballia	0.00%	100.00%	0.00%	0.00%	795	753	776
	Bhiwani	0.00%	99.59%	0.41%	0.41%	803	761	782
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	754	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	749	771
	Greater Noida	0.00%	95.72%	4.28%	4.28%	805	760	784
	Jhatikara	0.00%	99.93%	0.07%	0.07%	800	758	778
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	797	758	779
	Lucknow	0.00%	99.67%	0.33%	0.33%	802	755	780
	Lalitpur	0.00%	100.00%	0.00%	0.00%	791	771	781
	Meerut	0.00%	99.28%	0.72%	0.72%	807	757	781
	Moga	0.00%	100.00%	0.00%	0.00%	796	751	771
	Phagi	0.00%	98.48%	1.52%	1.52%	805	766	785
	Varanasi	0.00%	100.00%	0.00%	0.00%	797	763	781
Unnao	0.00%	100.00%	0.00%	0.00%	781	740	763	
WR	Akola	0.00%	100.00%	0.00%	0.00%	798	764	781
	Aurangabad	0.00%	98.52%	1.48%	1.48%	802	764	787
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	750	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	787	769	778
	Bina	0.00%	100.00%	0.00%	0.00%	793	761	779
	Champa	0.00%	99.34%	0.66%	0.66%	803	780	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	774	780
	Gwalior	0.01%	99.79%	0.20%	0.21%	800	727	782
	Indore	0.00%	100.00%	0.00%	0.00%	781	745	766
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	774	786
	Koradi	0.00%	100.00%	0.00%	0.00%	782	757	770
	Pune	0.00%	100.00%	0.00%	0.00%	800	736	770
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	800	783	791
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	778	786
	Sasan	0.00%	100.00%	0.00%	0.00%	784	762	771
	Satna	0.00%	100.00%	0.00%	0.00%	791	764	777
	Seoni	0.00%	100.00%	0.00%	0.00%	798	773	786
	Sipat	0.00%	100.00%	0.00%	0.00%	786	769	778
	Solapur	0.00%	91.75%	8.25%	8.25%	806	772	791
	Tamnar	0.00%	99.39%	0.61%	0.61%	801	786	794
	Tirora	0.00%	100.00%	0.00%	0.00%	774	755	765
	Vadodara	0.00%	100.00%	0.00%	0.00%	789	754	775
	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	789	754	772
Wardha	0.00%	99.26%	0.74%	0.74%	789	754	789	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	795	755	777
	Nellore PS	0.00%	100.00%	0.00%	0.00%	787	754	770
	Raichur	0.00%	100.00%	0.00%	0.00%	799	760	782
	Nizamabad	0.00%	95.31%	4.69%	4.69%	811	755	786
	Srikakulam	0.00%	96.63%	3.37%	3.37%	804	770	787
	Thiruvallam	0.00%	96.63%	3.37%	3.37%	804	770	787
	Vemagiri	0.00%	100.00%	0.00%	0.00%	784	754	771
ER	Angul	0.00%	97.63%	2.37%	2.37%	802	769	785
	Gaya	0.00%	100.00%	0.00%	0.00%	790	754	774
	Jharsuguda	0.00%	85.77%	14.23%	14.23%	806	783	794
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	765	779
	Sasaram	0.00%	100.00%	0.00%	0.00%	798	747	768
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	402	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	393	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	406	392	401
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	408
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	409	402	406
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	418	408	413
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	406
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	418	405	412
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	411	393	404
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	399	409

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