

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
15-Jul-2019 to 21-Jul-2019

Date: 26-Jul-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	0	0.00	0.00
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	0	0.00	0.00
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 15-Jul-2019 to 21-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%	100.00%	0.00%	0.00%	800	750	778
	Anpara-C	0.00%	100.00%	0.00%	0.00%	783	757	768
	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	756	765
	Anta	0.00%	100.00%	0.00%	0.00%	794	766	780
	Ballia	0.00%	100.00%	0.00%	0.00%	792	750	773
	Bhiwani	0.00%	99.74%	0.26%	0.26%	801	762	782
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	742	764
	Greater Noida	0.00%	98.65%	1.35%	1.35%	812	759	780
	Jhatikara	0.00%	100.00%	0.00%	0.00%	799	756	776
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	793	750	774
	Lucknow	0.00%	99.73%	0.27%	0.27%	803	755	779
	Lalitpur	0.00%	100.00%	0.00%	0.00%	795	763	777
	Meerut	0.00%	97.50%	2.50%	2.50%	807	753	778
	Moga	0.00%	100.00%	0.00%	0.00%	763	763	763
	Phagi	0.00%	99.86%	0.14%	0.14%	801	760	780
	Varanasi	0.00%	100.00%	0.00%	0.00%	795	754	776
Unnao	0.00%	100.00%	0.00%	0.00%	781	730	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	761	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	769	786
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	780	755	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	788	772	781
	Bina	0.00%	100.00%	0.00%	0.00%	794	764	778
	Champa	0.00%	88.18%	11.82%	11.82%	807	787	798
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	795	776	786
	Gwalior	0.00%	99.95%	0.05%	0.05%	802	759	780
	Indore	0.00%	100.00%	0.00%	0.00%	776	747	762
	Jabalpur	0.00%	99.87%	0.13%	0.13%	801	775	787
	Koradi	0.00%	100.00%	0.00%	0.00%	777	755	765
	Pune	0.00%	100.00%	0.00%	0.00%	800	736	776
	Raigarh Pooling	0.00%	97.23%	2.77%	2.77%	802	788	795
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	775	786
	Sasan	0.00%	100.00%	0.00%	0.00%	784	763	771
	Satna	0.00%	100.00%	0.00%	0.00%	793	764	776
	Seoni	0.00%	100.00%	0.00%	0.00%	798	773	786
	Sipat	0.00%	100.00%	0.00%	0.00%	786	774	780
	Solapur	0.00%	89.22%	10.78%	10.78%	806	769	791
	Tamnar	0.00%	95.05%	4.95%	4.95%	803	791	797
	Tirora	0.00%	100.00%	0.00%	0.00%	770	752	760
	Vadodara	0.00%	100.00%	0.00%	0.00%	790	755	777
	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	790	755	772
Wardha	0.00%	98.33%	1.67%	1.67%	790	755	789	
SR	Kurnool	0.00%	99.95%	0.05%	0.05%	800	751	781
	Nellore PS	0.00%	99.96%	0.04%	0.04%	800	760	782
	Raichur	0.00%	100.00%	0.00%	0.00%	798	754	780
	Nizamabad	0.00%	69.58%	30.42%	30.42%	813	757	794
	Srikakulam	0.00%	99.99%	0.01%	0.01%	800	774	786
	Thiruvallam	0.00%	99.99%	0.01%	0.01%	800	774	786
Vemagiri	0.00%	100.00%	0.00%	0.00%	783	753	770	
ER	Angul	0.00%	100.00%	0.00%	0.00%	798	773	783
	Gaya	0.00%	100.00%	0.00%	0.00%	787	748	768
	Jharsuguda	0.00%	85.89%	14.11%	14.11%	808	785	796
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	767	781
Sasaram	0.00%	100.00%	0.00%	0.00%	791	744	763	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	405
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	391	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	388	399
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	406
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	405
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	418	406	411
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	406
	Ranganadi (400 kV)	0.00%	99.79%	0.21%	0.21%	430	401	411
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	420	391	403
	Silchar (400 kV)	0.00%	99.82%	0.18%	0.18%	420	394	406

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