

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
19-Nov-2018 to 25-Nov-2018

Date: 29-Nov-2018

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	6	1.50	0.89
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 19-Nov-2018 to 25-Nov-2018

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%	99.93%	0.01%	0.01%	801	754	784
	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	758	766
	Anpara-D	0.00%	100.00%	0.00%	0.00%	770	757	764
	Anta	0.00%	100.00%	0.00%	0.00%	793	763	781
	Ballia	0.00%	100.00%	0.00%	0.00%	786	759	774
	Bhiwani	0.00%	91.48%	8.52%	8.52%	808	761	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	759	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	744	764
	Greater Noida	0.00%	79.78%	20.22%	20.22%	808	767	793
	Jhatikara	0.00%	96.78%	3.22%	3.22%	806	758	788
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	763	781
	Lalitpur	1.26%	98.72%	0.02%	1.28%	801	720	752
	Meerut	0.00%	92.66%	5.80%	5.80%	811	768	790
	Moga	0.00%	99.97%	0.03%	0.03%	801	758	778
	Phagi	0.00%	99.34%	0.66%	0.66%	803	756	783
	Varanasi	0.00%	100.00%	0.00%	0.00%	790	763	778
	Unnao	0.00%	100.00%	0.00%	0.00%	777	752	755
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	753	773
	Aurangabad	0.00%	99.97%	0.03%	0.03%	801	759	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	753	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	780	762	772
	Bina	0.00%	100.00%	0.00%	0.00%	796	761	781
	Champa	0.00%	70.74%	18.56%	18.56%	809	785	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	795	771	783
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	748	779
	Ektuni	0.00%	100.00%	0.00%	0.00%	787	752	773
	Gwalior	0.00%	99.89%	0.11%	0.11%	802	756	785
	Indore	0.00%	100.00%	0.00%	0.00%	794	751	772
	Jabalpur	0.00%	98.00%	2.00%	2.00%	807	773	789
	Koradi	0.00%	100.00%	0.00%	0.00%	773	748	764
	Pune	0.00%	99.96%	0.00%	0.00%	800	747	779
	Raigarh Pooling	0.00%	88.01%	11.99%	11.99%	806	784	795
	Raipur Pooling	0.00%	95.67%	4.33%	4.33%	800	779	790
	Sasan	0.00%	100.00%	0.00%	0.00%	779	753	765
	Satna	0.00%	100.00%	0.00%	0.00%	787	749	769
	Seoni	0.00%	100.00%	0.00%	0.00%	799	767	783
	Sipat	0.00%	100.00%	0.00%	0.00%	778	762	770
	Solapur	0.00%	88.57%	11.43%	11.43%	808	769	792
	Tamnar	0.00%	85.46%	14.54%	14.54%	806	787	796
	Tirora	0.00%	100.00%	0.00%	0.00%	767	748	760
Vadodara	0.00%	100.00%	0.00%	0.00%	796	754	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	779	756	767	
Wardha	0.00%	99.53%	0.47%	0.47%	801	770	789	
SR	Kurnool	0.00%	98.96%	1.04%	1.04%	804	756	780
	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	756	779
	Raichur	0.00%	99.30%	0.70%	0.70%	803	762	783
	Nizamabad	0.00%	78.12%	21.88%	21.88%	810	769	792
	Srikakulam	0.00%	99.99%	0.01%	0.01%	800	774	789
	Thiruvallam	0.00%	91.98%	8.02%	8.02%	803	764	785
	Vemagiri	0.00%	100.00%	0.00%	0.00%	799	771	785
ER	Angul	0.00%	100.00%	0.00%	0.00%	784	764	775
	Gaya	0.00%	100.00%	0.00%	0.00%	782	757	772
	Jharsuguda	0.00%	80.47%	19.53%	19.53%	807	783	795
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	772	782
	Sasaram	0.00%	100.00%	0.00%	0.00%	771	742	756
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	407
	Balipara (400 kV)	0.00%	99.70%	0.30%	0.30%	423	395	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	406
	Bongaigaon TPS (400 kV)	0.00%	96.86%	3.14%	3.14%	422	402	413
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	407
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	416	407	405
	Misa (400 kV)	0.00%	95.90%	4.10%	4.10%	426	401	413
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	410	410	410
	Biswanath Chariali (400 kV)	0.00%	99.40%	0.26%	0.26%	424	391	407
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	407	

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