

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
07-May-2018 to 13-May-2018

Date: 18-May-2018

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	14	3.50	2.08
2	ER-NR	0	0.00	0.00
3	Import of NR	9	2.25	1.34
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	1	0.25	0.15
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 07-May-2018 to 13-May-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%	100.00%	0.00%	0.00%	795	747	769
	Anpara-C	0.00%	100.00%	100.00%	100.00%	786	755	764
	Anpara-D	0.00%	100.00%	0.00%	0.00%	785	754	763
	Anta	0.00%	100.00%	0.00%	0.00%	800	754	778
	Ballia	0.00%	99.97%	0.03%	0.03%	800	744	761
	Bhiwani	0.00%	95.92%	4.08%	4.08%	811	754	782
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	734	763
	Greater Noida	0.00%	96.67%	3.33%	3.33%	809	755	777
	Jhatikara	0.00%	95.45%	4.55%	4.55%	807	749	775
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	99.68%	0.32%	0.32%	803	742	770
	Lalitpur	0.00%	100.00%	0.00%	0.00%	792	759	774
	Meerut	0.00%	89.15%	8.73%	8.73%	819	759	784
	Moga	0.00%	99.63%	0.37%	0.37%	804	759	778
	Phagi	0.00%	99.35%	0.65%	0.65%	805	735	778
Varanasi	0.00%	99.30%	0.70%	0.70%	803	744	764	
Unnao	0.00%	100.00%	0.00%	0.00%	786	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	759	773
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	763	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	753	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	758	765
	Bina	0.00%	100.00%	0.00%	0.00%	794	762	774
	Champa	0.00%	98.98%	0.62%	0.62%	804	779	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	764	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	763	775
	Ektuni	0.00%	100.00%	0.00%	0.00%	786	755	767
	Gwalior	0.00%	99.95%	0.05%	0.05%	802	758	776
	Indore	0.00%	100.00%	0.00%	0.00%	790	752	769
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	768	780
	Koradi	0.00%	100.00%	0.00%	0.00%	777	758	768
	Pune	0.00%	100.00%	0.00%	0.00%	797	735	772
	Raigarh Pooling	0.00%	99.88%	0.12%	0.12%	801	784	791
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	775	787
	Sasan	0.00%	100.00%	0.00%	0.00%	779	761	766
	Satna	0.00%	100.00%	0.00%	0.00%	787	758	769
	Seoni	0.00%	100.00%	0.00%	0.00%	793	768	777
	Sipat	0.00%	100.00%	0.00%	0.00%	774	760	764
	Solapur	0.00%	97.35%	2.65%	2.65%	804	770	789
	Tamnar	0.00%	99.49%	0.51%	0.51%	802	777	792
	Tirora	0.00%	100.00%	0.00%	0.00%	772	756	764
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	754	775
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	761	767	
Wardha	0.00%	99.85%	0.15%	0.15%	801	776	789	
SR	Kurnool	0.00%	99.02%	0.98%	0.98%	808	761	785
	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	762	779
	Raichur	0.00%	99.42%	0.58%	0.58%	806	767	788
	Nizamabad	0.00%	81.93%	18.07%	18.07%	807	781	796
	Srikakulam	0.00%	100.00%	0.00%	0.00%	792	769	781
	Thiruvalem	0.00%	82.33%	17.67%	17.67%	816	771	792
	Vemagiri	0.00%	100.00%	0.00%	0.00%	795	768	781
ER	Angul	0.00%	100.00%	0.00%	0.00%	784	765	774
	Gaya	0.00%	100.00%	0.00%	0.00%	791	741	761
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	778	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	798	771	784
	Sasaram	0.00%	100.00%	0.00%	0.00%	793	732	766
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	403	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	405
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	411
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	413	403	408
	Palatana (400 kV)	0.00%	78.82%	20.32%	20.32%	423	411	405
	Misa (400 kV)	0.00%	99.90%	0.10%	0.10%	420	401	412
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	408
	Biswanath Chariali (400 kV)	0.00%	99.99%	0.01%	0.01%	432	395	407
	Silchar (400 kV)	0.00%	98.58%	1.42%	1.42%	424	401	413

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