

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
14-May-2018 to 20-May-2018

Date: 25-May-2018

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	2	0.50	0.30
2	ER-NR	0	0.00	0.00
3	Import of NR	8	2.00	1.19
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 14-May-2018 to 20-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%	791	740	769
	Anpara-C	0.00%	100.00%	100.00%	100.00%	786	756	766
	Anpara-D	0.00%	100.00%	0.00%	0.00%	784	752	765
	Anta	0.00%	100.00%	0.00%	0.00%	790	753	776
	Ballia	0.00%	100.00%	0.00%	0.00%	800	734	762
	Bhiwani	0.00%	97.98%	2.02%	2.02%	804	762	780
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	733	761
	Greater Noida	0.00%	97.19%	2.81%	2.81%	804	755	778
	Jhatikara	0.00%	89.92%	10.08%	10.08%	801	744	771
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	96.90%	3.10%	3.10%	808	741	768
	Lalitpur	0.00%	100.00%	0.00%	0.00%	782	760	771
	Meerut	0.00%	92.97%	5.20%	5.20%	808	761	782
	Moga	0.00%	100.00%	0.00%	0.00%	796	759	775
	Phagi	0.00%	100.00%	0.00%	0.00%	796	749	776
Varanasi	0.00%	100.00%	0.00%	0.00%	795	744	765	
Unnao	0.00%	100.00%	0.00%	0.00%	786	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	783	753	770
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	759	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	747	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	756	766
	Bina	0.00%	100.00%	0.00%	0.00%	788	755	774
	Champa	0.00%	99.87%	0.12%	0.12%	803	773	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	762	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	762	771
	Ektuni	0.00%	100.00%	0.00%	0.00%	786	749	768
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	752	776
	Indore	0.00%	100.00%	0.00%	0.00%	789	754	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	760	782
	Koradi	0.00%	100.00%	0.00%	0.00%	775	752	766
	Pune	0.00%	100.00%	0.00%	0.00%	795	737	772
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	779	788
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	792	769	781
	Sasan	0.00%	100.00%	0.00%	0.00%	772	752	763
	Satna	0.00%	100.00%	0.00%	0.00%	780	749	768
	Seoni	0.00%	100.00%	0.00%	0.00%	789	765	780
	Sipat	0.00%	100.00%	0.00%	0.00%	770	757	764
Solapur	0.00%	93.93%	6.07%	6.07%	805	770	791	
Tamnar	0.00%	99.99%	0.01%	0.01%	800	782	790	
Tirora	0.00%	100.00%	0.00%	0.00%	770	751	763	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	755	776	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	773	755	765	
Wardha	0.00%	100.00%	0.00%	0.00%	800	768	786	
SR	Kurnool	0.00%	92.64%	7.36%	7.36%	807	765	789
	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	764	780
	Raichur	0.00%	88.33%	11.67%	11.67%	806	770	791
	Nizamabad	0.00%	51.61%	48.39%	48.39%	806	784	798
	Srikakulam	0.00%	100.00%	0.00%	0.00%	792	772	784
	Thiruvalem	0.00%	81.46%	18.54%	18.54%	810	773	792
	Vemagiri	0.00%	100.00%	0.00%	0.00%	794	773	784
ER	Angul	0.00%	100.00%	0.00%	0.00%	785	768	776
	Gaya	0.00%	100.00%	0.00%	0.00%	789	737	761
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	777	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	798	762	776
	Sasaram	0.00%	100.00%	0.00%	0.00%	788	733	760
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	408
	Balipara (400 kV)	0.02%	99.82%	0.16%	0.18%	423	380	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	397	406
	Bongaigaon TPS (400 kV)	0.00%	98.08%	1.92%	1.92%	424	397	412
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	408
	Palatana (400 kV)	0.00%	90.96%	8.70%	8.70%	422	401	405
	Misa (400 kV)	0.00%	98.35%	1.65%	1.65%	424	385	410
	Ranganadi (400 kV)	0.00%	99.45%	0.55%	0.55%	421	394	405
	Biswanath Chariali (400 kV)	0.04%	99.93%	0.01%	0.05%	423	374	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	411

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