

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
28-May-2018 to 03-Jun-2018

Date: 8-Jun-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	34	8.50	5.06
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	4	1.00	0.60
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 28-May-2018 to 03-Jun-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%	788	747	771
	Anpara-C	0.00%	100.00%	100.00%	100.00%	776	757	765
	Anpara-D	0.00%	100.00%	0.00%	0.00%	774	753	764
	Anta	0.00%	100.00%	0.00%	0.00%	792	756	777
	Ballia	0.00%	99.43%	0.57%	0.57%	804	749	775
	Bhiwani	0.00%	98.19%	1.81%	1.81%	805	733	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	739	767
	Greater Noida	0.00%	98.31%	1.69%	1.69%	809	755	776
	Jhatikara	0.00%	98.99%	1.01%	1.01%	806	751	773
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	99.19%	0.81%	0.81%	806	751	775
	Lalitpur	0.00%	100.00%	0.00%	0.00%	785	762	774
	Meerut	0.00%	98.41%	1.39%	1.39%	813	758	778
	Moga	0.00%	100.00%	0.00%	0.00%	788	752	769
	Phagi	0.00%	100.00%	0.00%	0.00%	794	757	777
Varanasi	0.00%	100.00%	0.00%	0.00%	798	751	775	
Unnao	0.00%	100.00%	0.00%	0.00%	781	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	758	771
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	765	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	743	765
	Bilaspur	0.00%	100.00%	0.00%	0.00%	779	761	770
	Bina	0.00%	99.68%	0.32%	0.32%	802	761	780
	Champa	0.00%	91.00%	6.06%	6.06%	807	779	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	762	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	757	777
	Ektuni	0.00%	100.00%	0.00%	0.00%	787	753	770
	Gwalior	0.00%	99.97%	0.03%	0.03%	801	757	779
	Indore	0.00%	100.00%	0.00%	0.00%	787	747	768
	Jabalpur	0.00%	96.70%	3.30%	3.30%	805	769	788
	Koradi	0.00%	100.00%	0.00%	0.00%	781	757	767
	Pune	0.00%	99.62%	0.00%	0.00%	800	728	776
	Raigarh Pooling	0.00%	91.57%	8.43%	8.43%	806	780	794
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	799	776	789
	Sasan	0.00%	100.00%	0.00%	0.00%	786	759	772
	Satna	0.00%	100.00%	0.00%	0.00%	794	755	775
	Seoni	0.00%	99.94%	0.06%	0.06%	801	771	784
	Sipat	0.00%	100.00%	0.00%	0.00%	776	760	768
Solapur	0.00%	92.68%	7.32%	7.32%	805	752	790	
Tamnar	0.00%	86.64%	13.36%	13.36%	807	786	795	
Tirora	0.00%	100.00%	0.00%	0.00%	772	755	764	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	747	773	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	787	761	773	
Wardha	0.00%	96.71%	3.29%	3.29%	806	772	790	
SR	Kurnool	0.00%	99.63%	0.37%	0.37%	803	765	786
	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	762	778
	Raichur	0.00%	92.12%	7.88%	7.88%	805	770	790
	Nizamabad	0.00%	85.11%	14.89%	14.89%	814	774	793
	Srikakulam	0.00%	99.96%	0.04%	0.04%	800	770	785
	Thiruvalem	0.00%	71.32%	28.68%	28.68%	810	772	793
	Vemagiri	0.00%	100.00%	0.00%	0.00%	796	767	782
ER	Angul	0.00%	100.00%	0.00%	0.00%	793	766	780
	Gaya	0.00%	100.00%	0.00%	0.00%	795	751	775
	Jharsuguda	0.00%	98.38%	1.62%	1.62%	803	777	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	766	778
	Sasaram	0.00%	100.00%	0.00%	0.00%	793	730	760
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	407
	Balipara (400 kV)	0.00%	99.98%	0.02%	0.02%	424	397	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	392	404
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	398	409
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	407
	Palatana (400 kV)	0.00%	87.86%	9.95%	9.95%	422	411	405
	Misa (400 kV)	0.00%	97.63%	2.37%	2.37%	426	399	411
	Ranganadi (400 kV)	0.00%	99.89%	0.11%	0.11%	430	398	409
	Biswanath Chariali (400 kV)	0.00%	99.98%	0.02%	0.02%	427	396	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	409

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