

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
25-Jun-2018 to 01-Jul-2018

Date: 6-Jul-2018

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	56	14.00	8.33
2	ER-NR	0	0.00	0.00
3	Import of NR	100	25.00	14.88
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	7	1.75	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	11	2.75	1.64
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 25-Jun-2018 to 01-Jul-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%	798	751	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	757	768
	Anpara-D	0.00%	100.00%	0.00%	0.00%	782	753	766
	Anta	0.00%	100.00%	0.00%	0.00%	793	761	776
	Ballia	0.00%	100.00%	0.00%	0.00%	798	746	772
	Bhiwani	0.00%	98.32%	1.68%	1.68%	805	754	775
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	742	764
	Greater Noida	0.00%	97.64%	2.36%	2.36%	809	753	774
	Jhatikara	0.00%	99.98%	0.02%	0.02%	800	748	770
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	800	750	774
	Lalitpur	0.00%	100.00%	0.00%	0.00%	789	771	781
	Meerut	0.00%	100.00%	0.00%	0.00%	786	763	781
	Moga	0.00%	99.32%	0.68%	0.68%	808	751	773
	Phagi	0.00%	99.52%	0.48%	0.48%	802	755	778
Varanasi	0.00%	100.00%	0.00%	0.00%	796	753	775	
Unnao	0.00%	100.00%	0.00%	0.00%	786	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	761	776
	Aurangabad	0.00%	99.92%	0.08%	0.08%	800	763	786
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	755	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	759	768
	Bina	0.00%	100.00%	0.00%	0.00%	795	754	776
	Champa	0.00%	90.19%	5.12%	5.12%	806	783	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	764	775
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	761	783
	Ektuni	0.00%	100.00%	0.00%	0.00%	792	759	776
	Gwalior	0.00%	99.99%	0.01%	0.01%	800	752	776
	Indore	0.00%	100.00%	0.00%	0.00%	788	756	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	765	781
	Koradi	0.00%	100.00%	0.00%	0.00%	778	755	768
	Pune	0.00%	99.96%	0.00%	0.00%	800	734	774
	Raigarh Pooling	0.00%	96.93%	3.07%	3.07%	805	786	795
	Raipur Pooling	0.00%	99.99%	0.01%	0.01%	806	784	787
	Sasan	0.00%	100.00%	0.00%	0.00%	778	758	765
	Satna	0.00%	100.00%	0.00%	0.00%	788	756	769
	Seoni	0.00%	100.00%	0.00%	0.00%	795	773	784
	Sipat	0.00%	100.00%	0.00%	0.00%	774	760	767
	Solapur	0.00%	94.48%	5.52%	5.52%	807	766	791
	Tamnar	0.00%	90.18%	9.82%	9.82%	806	786	796
	Tirora	0.00%	100.00%	0.00%	0.00%	771	753	763
Vadodara	0.00%	99.95%	0.05%	0.05%	800	760	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	778	758	766	
Wardha	0.00%	98.71%	1.29%	1.29%	806	774	789	
SR	Kurnool	0.00%	95.09%	4.91%	4.91%	808	763	786
	Nellore PS	0.00%	99.91%	0.09%	0.09%	801	767	782
	Raichur	0.00%	90.49%	9.51%	9.51%	808	770	789
	Nizamabad	0.17%	83.18%	16.65%	16.82%	811	704	792
	Srikakulam	0.00%	98.01%	1.99%	1.99%	803	777	790
	Thiruvalam	0.00%	65.24%	34.76%	34.76%	815	777	795
Vemagiri	0.00%	97.32%	2.68%	2.68%	802	778	788	
ER	Angul	0.00%	100.00%	0.00%	0.00%	792	765	781
	Gaya	0.00%	100.00%	0.00%	0.00%	790	747	769
	Jharsuguda	0.00%	99.63%	0.37%	0.37%	800	778	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	799	765	780
	Sasaram	0.00%	100.00%	0.00%	0.00%	786	730	759
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	401	406
	Balipara (400 kV)	0.00%	99.54%	0.46%	0.46%	421	399	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	394	403
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	409
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	409	401	406
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	419	411	405
	Misa (400 kV)	0.00%	97.45%	2.55%	2.55%	424	401	413
	Ranganadi (400 kV)	0.00%	99.65%	0.35%	0.35%	421	399	410
Biswanath Chariali (400 kV)	0.00%	99.97%	0.00%	0.00%	420	396	408	
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.