

**POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI**

**System Reliability Indices Report for the week from
13-Aug-2018 to 19-Aug-2018**

Date: 24-Aug-2018

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	88	22.00	13.10
2	ER-NR	0	0.00	0.00
3	Import of NR	47	11.75	6.99
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	28	7.00	4.17
2	ER-NR	0	0.00	0.00
3	Import of NR	5	1.25	0.74
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 13-Aug-2018 to 19-Aug-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	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	755	765
	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	752	764
	Anta	0.00%	100.00%	0.00%	0.00%	795	757	781
	Ballia	0.00%	100.00%	0.00%	0.00%	798	742	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	758	777
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	740	766
	Greater Noida	0.00%	100.00%	0.00%	0.00%	798	757	777
	Jhatikara	0.00%	100.00%	0.00%	0.00%	791	748	770
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	744	771
	Lalitpur	0.07%	99.87%	0.06%	0.13%	800	726	779
	Meerut	0.00%	99.01%	0.49%	0.49%	803	760	781
	Moga	0.00%	100.00%	0.00%	0.00%	800	754	775
	Phagi	0.00%	100.00%	0.00%	0.00%	796	749	779
Varanasi	0.00%	100.00%	0.00%	0.00%	792	749	773	
Unnao	0.00%	100.00%	0.00%	0.00%	775	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	797	763	781
	Aurangabad	0.00%	99.63%	0.37%	0.37%	801	769	789
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	761	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	761	770
	Bina	0.00%	100.00%	0.00%	0.00%	792	762	777
	Champa	0.00%	98.30%	0.57%	0.57%	802	774	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	763	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	763	784
	Ektuni	0.00%	100.00%	0.00%	0.00%	798	757	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	753	775
	Indore	0.00%	100.00%	0.00%	0.00%	794	763	776
	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	767	782
	Koradi	0.00%	100.00%	0.00%	0.00%	782	759	771
	Pune	0.00%	98.24%	0.00%	0.00%	800	753	783
	Raigarh Pooling	0.00%	97.47%	2.53%	2.53%	802	776	789
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	772	784
	Sasan	0.00%	100.00%	0.00%	0.00%	775	756	765
	Satna	0.00%	100.00%	0.00%	0.00%	782	753	768
	Seoni	0.00%	100.00%	0.00%	0.00%	797	778	787
	Sipat	0.00%	100.00%	0.00%	0.00%	776	762	769
	Solapur	0.00%	94.85%	5.15%	5.15%	806	770	791
	Tamnar	0.00%	90.73%	9.27%	9.27%	804	779	791
Tirora	0.00%	100.00%	0.00%	0.00%	774	757	766	
Vadodara	0.00%	99.39%	0.61%	0.61%	804	766	786	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	756	766	
Wardha	0.00%	99.97%	0.03%	0.03%	800	775	790	
SR	Kurnool	0.00%	98.02%	1.71%	1.71%	809	756	784
	Nellore PS	0.00%	96.85%	3.15%	3.15%	810	770	788
	Raichur	0.00%	99.31%	0.69%	0.69%	802	762	787
	Nizamabad	0.00%	90.81%	9.19%	9.19%	808	767	790
	Srikakulam	0.00%	55.12%	44.88%	44.88%	809	761	798
	Thiruvalam	0.00%	62.97%	37.03%	37.03%	821	769	797
Vemagiri	0.00%	64.27%	35.73%	35.73%	812	753	797	
ER	Angul	0.00%	100.00%	0.00%	0.00%	794	764	783
	Gaya	0.00%	100.00%	0.00%	0.00%	785	745	766
	Jharsuguda	0.00%	99.58%	0.42%	0.42%	801	779	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	786	764	777
	Sasaram	0.17%	99.83%	0.00%	0.17%	794	726	759
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	401	405
	Balipara (400 kV)	0.00%	99.97%	0.03%	0.03%	420	398	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	392	401
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	409
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	409	401	405
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	420	404	405
	Misa (400 kV)	0.00%	99.91%	0.09%	0.09%	421	403	412
	Ranganadi (400 kV)	0.00%	99.84%	0.16%	0.16%	422	402	409
Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	396	408	
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	407	

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