

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

Date of Reporting: **24-Aug-17**
System Reliability Indices Report for: **23-Aug-17**

Percentage (%) of times ATC 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
5	NER Import	3	0.75	3.13

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	NER Import	2	0.50	2.08

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 day of 23-Aug-2017

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%	792	758	776
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	760	759	759
	Anpara-C	0.00%	100.00%	0.00%	0.00%	766	750	760
	Anpara-D	0.00%	100.00%	0.00%	0.00%	767	752	760
	Anta	0.00%	100.00%	0.00%	0.00%	790	759	777
	Ballia	0.00%	100.00%	0.00%	0.00%	785	752	769
	Bara	0.00%	100.00%	0.00%	0.00%	759	759	759
	Bhiwani	0.00%	100.00%	0.00%	0.00%	794	767	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	747	764
	Greater Noida	0.00%	100.00%	0.00%	0.00%	794	764	781
	Jhatikara	0.00%	100.00%	0.00%	0.00%	792	762	779
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	758	759
	Lucknow	0.00%	100.00%	0.00%	0.00%	790	755	774
	Lalitpur	0.00%	100.00%	0.00%	0.00%	782	761	773
	Meerut	0.00%	93.33%	4.58%	4.58%	804	768	786
	Moga	0.00%	100.00%	0.00%	0.00%	770	770	770
	Phagi	0.00%	100.00%	0.00%	0.00%	794	758	778
Varanasi	0.00%	100.00%	0.00%	0.00%	787	758	774	
Unnao	0.00%	100.00%	0.00%	0.00%	776	745	762	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	773	781
	Aurangabad	0.00%	98.61%	1.39%	1.39%	802	770	790
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	779	758	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	764	768
	Bina	0.00%	100.00%	0.00%	0.00%	789	769	777
	Champa	0.00%	96.46%	1.46%	1.46%	802	793	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	777	781
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	765	785
	Ektuni	0.00%	100.00%	0.00%	0.00%	789	771	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	762	777
	Indore	0.00%	100.00%	0.00%	0.00%	783	760	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	774	780
	Koradi	0.00%	100.00%	0.00%	0.00%	778	766	772
	Pune	0.00%	100.00%	0.00%	0.00%	795	757	776
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	789	792
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	793	783	785
	Sasan	0.00%	100.00%	0.00%	0.00%	769	756	760
	Satna	0.00%	100.00%	0.00%	0.00%	780	761	768
	Seoni	0.00%	100.00%	0.00%	0.00%	791	773	782
	Sipat	0.00%	100.00%	0.00%	0.00%	770	762	766
Solapur	0.00%	88.33%	11.67%	11.67%	805	786	796	
Tamnar	0.00%	100.00%	0.00%	0.00%	798	790	794	
Tirora	0.00%	100.00%	0.00%	0.00%	773	762	767	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	772	784	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	770	759	762	
Wardha	0.00%	100.00%	0.00%	0.00%	799	774	789	
SR	Kurnool	0.00%	98.75%	1.25%	1.25%	805	781	793
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	781	789
	Raichur	0.00%	98.40%	1.60%	1.60%	802	785	793
	Nizamabad	0.00%	100.00%	0.00%	0.00%	794	774	787
	Srikakulam	0.00%	100.00%	0.00%	0.00%	798	757	783
	Thiruvallam	0.00%	52.78%	47.22%	47.22%	813	791	801
Vemagiri	2.92%	97.08%	0.00%	2.92%	790	722	762	
ER	Angul	0.00%	100.00%	0.00%	0.00%	795	774	786
	Gaya	0.00%	100.00%	0.00%	0.00%	787	759	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	786	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	775	783
Sasaram	0.00%	100.00%	0.00%	0.00%	786	740	768	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	393	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	389	399
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	408
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	406
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	397	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	391	406

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