

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

**Date of Reporting: 22-Aug-16
System Reliability Indices Report for: 21-Aug-16**

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	3	0.75	3.13
4	NEW-SR	2	0.50	2.08
5	ER-NER	28	7.00	29.17

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	24	6.00	25.00

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 day of 21-Aug-2016

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%	797	749	772
	Anpara-C	0.00%	100.00%	0.00%	0.00%	782	767	774
	Ballia	0.00%	100.00%	0.00%	0.00%	794	762	775
	Bhiwani	0.00%	100.00%	0.00%	0.00%	778	778	778
	Bareilly	81.53%	18.47%	0.00%	81.53%	760	718	725
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	744	764
	Jhatikara	0.00%	99.51%	0.49%	0.49%	802	759	779
	Lucknow	0.00%	100.00%	0.00%	0.00%	794	757	773
	Meerut	0.00%	95.63%	3.89%	3.89%	812	761	785
	Moga	0.00%	98.61%	1.39%	1.39%	803	757	778
Phagi	0.00%	100.00%	0.00%	0.00%	794	760	777	
Unnao	0.00%	100.00%	0.00%	0.00%	777	745	760	
WR	Akola	0.00%	100.00%	0.00%	0.00%	783	756	769
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	766	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	780	758	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	761	767
	Bina	0.00%	100.00%	0.00%	0.00%	784	755	771
	Champa	0.00%	100.00%	0.00%	0.00%	799	784	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	777	778
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	766	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	752	773
	Indore	0.00%	100.00%	0.00%	0.00%	781	760	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	786	763	775
	Koradi	0.00%	100.00%	0.00%	0.00%	768	749	758
	Pune	0.00%	99.86%	0.00%	0.00%	800	759	782
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	795	781	788
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	782	782	782
	Sasan	0.00%	100.00%	0.00%	0.00%	776	761	769
	Satna	0.00%	100.00%	0.00%	0.00%	787	762	775
	Seoni	0.00%	100.00%	0.00%	0.00%	789	771	779
	Sipat	0.00%	100.00%	0.00%	0.00%	770	761	765
	Sholapur	0.00%	97.57%	2.43%	2.43%	810	771	790
Tamnara PS	0.00%	100.00%	0.00%	0.00%	794	782	787	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	765	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	767	772	
Wardha	0.00%	100.00%	0.00%	0.00%	798	772	783	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	773	781
	Raichur	0.00%	99.51%	0.49%	0.49%	803	771	785
	Kurnool	0.00%	99.17%	0.83%	0.83%	804	776	789
	Thiruvalam	0.00%	98.19%	1.81%	1.81%	805	786	793
ER	Angul	0.00%	100.00%	0.00%	0.00%	776	762	770
	Gaya	0.00%	100.00%	0.00%	0.00%	791	762	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	775	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	785	785	785
Sasaram	0.00%	100.00%	0.00%	0.00%	779	732	756	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	408
	Balipara (400 kV)	0.00%	98.82%	1.18%	1.18%	424	403	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	406
	Misa (400 kV)	0.00%	98.19%	1.81%	1.81%	425	405	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	407	411

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