

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: 28-Jul-16
System Reliability Indices Report for: 27-Jul-16

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	9	2.25	9.38
2	ER-NR	0	0.00	0.00
3	Import of NR	4	1.00	4.17
4	NEW-SR	18	4.50	18.75
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	0	0.00	0.00
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 day of 27-Jul-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%	792	752	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	762	768
	Ballia	0.00%	99.79%	0.21%	0.21%	800	764	781
	Bhiwani	0.00%	95.97%	4.03%	4.03%	802	769	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	757	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	750	767
	Jhatikara	0.00%	100.00%	0.00%	0.00%	770	770	770
	Lucknow	0.00%	94.93%	5.07%	5.07%	805	767	784
	Meerut	0.00%	80.21%	19.03%	19.03%	812	770	789
	Moga	0.00%	96.88%	3.13%	3.13%	803	769	786
Phagi	0.00%	100.00%	0.00%	0.00%	799	765	781	
Unnao	0.00%	100.00%	0.00%	0.00%	774	743	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	776	754	763
	Aurangabad	0.00%	97.99%	2.01%	2.01%	805	766	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	764	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	779	768	774
	Bina	0.00%	100.00%	0.00%	0.00%	796	769	782
	Champa	0.00%	93.13%	4.10%	4.10%	802	788	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	779	782
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	760	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	760	781
	Indore	0.00%	100.00%	0.00%	0.00%	787	765	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	774	785
	Koradi	0.00%	100.00%	0.00%	0.00%	755	738	746
	Pune	0.00%	100.00%	0.00%	0.00%	793	739	764
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	800	786	794
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	793	784	784
	Sasan	0.00%	100.00%	0.00%	0.00%	779	764	772
	Satna	0.00%	100.00%	0.00%	0.00%	791	766	779
	Seoni	0.00%	100.00%	0.00%	0.00%	790	773	784
	Sipat	0.00%	100.00%	0.00%	0.00%	777	767	772
	Sholapur	0.00%	82.99%	15.76%	15.76%	813	767	790
Tamnara PS	0.00%	100.00%	0.00%	0.00%	798	785	792	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	789	768	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	782	768	774	
Wardha	0.00%	97.01%	2.99%	2.99%	804	771	787	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	774	786
	Raichur	0.00%	89.17%	10.83%	10.83%	812	766	791
	Kurnool	0.00%	57.08%	42.92%	42.92%	815	777	798
	Thiruvalam	0.00%	56.88%	43.13%	43.13%	812	784	800
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	772	782
	Gaya	0.00%	100.00%	0.00%	0.00%	793	760	776
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	782	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	775	786
	Sasaram	0.00%	100.00%	0.00%	0.00%	770	729	749
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	407	407	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	393	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	407
	Misa (400 kV)	0.00%	88.12%	11.88%	11.88%	423	397	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	411

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