

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **23-Jul-16**
System Reliability Indices Report for: **22-Jul-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	36	9.00	37.50
2	ER-NR	0	0.00	0.00
3	Import of NR	25	6.25	26.04
4	NEW-SR	1	0.25	1.04
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	3	0.75	3.13
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 22-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%	791	744	767
	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	755	764
	Ballia	0.00%	100.00%	0.00%	0.00%	800	761	778
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	761	779
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	755	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	743	762
	Jhatikara	0.00%	100.00%	0.00%	0.00%	770	770	770
	Lucknow	0.00%	93.40%	6.60%	6.60%	805	762	781
	Meerut	0.00%	90.28%	7.78%	7.78%	806	763	784
	Moga	0.00%	100.00%	0.00%	0.00%	795	759	776
Phagi	0.00%	100.00%	0.00%	0.00%	782	751	767	
Unnao	0.00%	100.00%	0.00%	0.00%	767	740	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	753	769
	Aurangabad	0.00%	96.18%	3.82%	3.82%	804	761	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	776	744	763
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	759	770
	Bina	0.00%	100.00%	0.00%	0.00%	784	747	769
	Champa	0.00%	87.57%	9.17%	9.17%	805	782	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	765	775
	Dhule (BDTCL)	0.00%	99.93%	0.07%	0.07%	801	763	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	744	770
	Indore	0.00%	100.00%	0.00%	0.00%	782	754	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	781	753	770
	Koradi	0.00%	100.00%	0.00%	0.00%	763	740	752
	Pune	0.00%	100.00%	0.00%	0.00%	780	740	759
	Raigarh PS (Kotra)	0.00%	97.57%	2.43%	2.43%	801	782	793
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	793	775	784
	Sasan	0.00%	100.00%	0.00%	0.00%	770	751	762
	Satna	0.00%	100.00%	0.00%	0.00%	778	745	765
	Seoni	0.00%	100.00%	0.00%	0.00%	787	787	787
	Sipat	0.00%	100.00%	0.00%	0.00%	774	759	768
	Sholapur	0.00%	72.78%	25.63%	25.63%	808	775	792
Tamnara PS	0.00%	100.00%	0.00%	0.00%	800	781	791	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	788	763	774	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	770	756	765	
Wardha	0.00%	91.81%	8.19%	8.19%	804	762	785	
SR	Nellore PS	0.00%	91.39%	8.61%	8.61%	802	782	791
	Raichur	0.00%	78.54%	21.46%	21.46%	807	775	793
	Kurnool	0.00%	58.19%	41.81%	41.81%	813	785	800
	Thiruvalam	0.00%	51.67%	48.33%	48.33%	817	792	802
ER	Angul	0.00%	100.00%	0.00%	0.00%	786	768	779
	Gaya	0.00%	100.00%	0.00%	0.00%	791	757	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	774	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	769	783
Sasaram	0.00%	100.00%	0.00%	0.00%	775	741	759	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	409
	Balipara (400 kV)	0.00%	99.31%	0.69%	0.69%	421	404	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	402	409
	Misa (400 kV)	0.00%	84.79%	15.21%	15.21%	424	408	415
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	405	412	

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