

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

**Date of Reporting: 10-Jul-16
System Reliability Indices Report for: 9-Jul-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	0	0.00	0.00
5	ER-NER	8	2.00	8.33

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	5	1.25	5.21

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 09-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%	797	753	779
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	753	766
	Ballia	0.00%	100.00%	0.00%	0.00%	793	752	775
	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	767	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	742	768
	Jhatikara	0.00%	100.00%	0.00%	0.00%	770	770	770
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	757	780
	Meerut	0.00%	91.04%	4.93%	4.93%	803	768	787
	Moga	0.00%	100.00%	0.00%	0.00%	791	768	780
Phagi	0.00%	100.00%	0.00%	0.00%	795	762	781	
Unnao	0.00%	100.00%	0.00%	0.00%	779	739	763	
WR	Akola	0.00%	100.00%	0.00%	0.00%	781	754	769
	Aurangabad	0.00%	95.09%	4.91%	4.91%	803	768	787
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	759	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	762	772
	Bina	0.00%	100.00%	0.00%	0.00%	793	758	779
	Champa	0.00%	45.42%	50.35%	50.35%	813	788	799
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	769	780
	Dhule (BDTCL)	0.00%	93.96%	6.04%	6.04%	803	776	787
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	755	782
	Indore	0.00%	100.00%	0.00%	0.00%	793	762	777
	Jabalpur	0.00%	100.00%	0.00%	0.00%	791	764	780
	Koradi	0.00%	100.00%	0.00%	0.00%	761	742	753
	Pune	0.00%	100.00%	0.00%	0.00%	788	744	764
	Raigarh PS (Kotra)	0.00%	63.82%	36.18%	36.18%	807	788	798
	Raipur PS (Durg)	0.00%	94.31%	5.69%	5.69%	801	782	789
	Sasan	0.00%	100.00%	0.00%	0.00%	781	762	775
	Satna	0.00%	100.00%	0.00%	0.00%	791	762	782
	Seoni	0.00%	100.00%	0.00%	0.00%	782	782	782
	Sipat	0.00%	100.00%	0.00%	0.00%	776	759	770
	Sholapur	0.00%	60.69%	35.14%	35.14%	813	780	796
Tamnara PS	0.00%	86.53%	13.47%	13.47%	804	786	796	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	99.72%	0.28%	0.28%	800	767	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	783	766	778	
Wardha	0.00%	99.38%	0.63%	0.63%	802	772	789	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	776	787
	Raichur	0.00%	72.15%	27.85%	27.85%	809	780	795
	Kurnool	0.00%	73.89%	26.11%	26.11%	808	777	795
	Thiruvalam	0.00%	56.81%	43.19%	43.19%	812	784	799
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	772	783
	Gaya	0.00%	100.00%	0.00%	0.00%	788	747	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	780	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	777	790
	Sasaram	0.90%	99.10%	0.00%	0.90%	795	722	760
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	408
	Balipara (400 kV)	0.00%	88.47%	11.53%	11.53%	424	395	409
	Bongaigaon (400 kV)	0.00%	99.03%	0.97%	0.97%	420	395	409
	Misa (400 kV)	0.00%	83.33%	16.67%	16.67%	426	398	412
	Silchar (400 kV)	1.18%	98.75%	0.07%	1.25%	424	353	409

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