

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

**Date of Reporting: 2-Jul-16
System Reliability Indices Report for: 1-Jul-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	22	5.50	22.92
2	ER-NR	0	0.00	0.00
3	Import of NR	51	12.75	53.13
4	NEW-SR	2	0.50	2.08
5	ER-NER	16	4.00	16.67

Percentage(%) of times (N-1) Criteria was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	4	1.00	4.17
2	ER-NR	0	0.00	0.00
3	Import of NR	19	4.75	19.79
4	NEW-SR	0	0.00	0.00
4	ER-NER	13	3.25	13.54

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 01-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%	794	743	772
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	753	763
	Ballia	0.00%	100.00%	0.00%	0.00%	781	737	759
	Bhiwani	0.00%	100.00%	0.00%	0.00%	800	746	777
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	783	732	760
	Jhatikara	0.00%	100.00%	0.00%	0.00%	795	741	774
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	748	774
	Meerut	0.00%	96.04%	3.13%	3.13%	806	747	781
	Moga	0.00%	100.00%	0.00%	0.00%	776	753	774
Phagi	0.00%	100.00%	0.00%	0.00%	790	752	776	
Unnao	0.00%	100.00%	0.00%	0.00%	778	731	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	778	758	770
	Aurangabad	0.00%	97.43%	2.57%	2.57%	804	763	789
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	780	758	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	762	770
	Bina	0.00%	100.00%	0.00%	0.00%	790	761	777
	Champa	0.00%	95.90%	0.90%	0.90%	801	775	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	769	777
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	754	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	754	778
	Indore	0.00%	100.00%	0.00%	0.00%	782	755	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	767	780
	Koradi	0.00%	100.00%	0.00%	0.00%	761	745	755
	Pune	0.00%	98.89%	0.00%	0.00%	800	761	786
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	799	780	792
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	791	774	786
	Sasan	0.00%	100.00%	0.00%	0.00%	777	762	770
	Satna	0.00%	100.00%	0.00%	0.00%	784	762	775
	Seoni	0.00%	100.00%	0.00%	0.00%	793	771	785
	Sipat	0.00%	100.00%	0.00%	0.00%	774	760	768
	Sholapur	0.00%	43.19%	52.64%	52.64%	815	778	800
Tamnara PS	0.00%	100.00%	0.00%	0.00%	798	781	792	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	789	761	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	778	766	773	
Wardha	0.00%	98.19%	1.81%	1.81%	802	767	789	
SR	Nellore PS	0.00%	79.44%	20.56%	20.56%	807	782	795
	Raichur	0.00%	63.54%	36.46%	36.46%	810	774	796
	Kurnool	0.00%	61.32%	38.68%	38.68%	810	778	798
	Thiruvalam	0.00%	34.44%	65.56%	65.56%	820	787	805
ER	Angul	0.00%	100.00%	0.00%	0.00%	785	771	779
	Gaya	0.00%	100.00%	0.00%	0.00%	777	735	756
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	780	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	787	787
Sasaram	0.00%	100.00%	0.00%	0.00%	789	736	761	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	404	407
	Balipara (400 kV)	0.00%	98.13%	1.88%	1.88%	430	400	409
	Bongaigaon (400 kV)	0.00%	98.89%	1.11%	1.11%	425	402	410
	Misa (400 kV)	0.00%	94.44%	5.56%	5.56%	431	402	411
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	411	

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