

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

**Date of Reporting: 2-Sep-16
System Reliability Indices Report for: 1-Sep-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	0	0.00	0.00
4	NEW-SR	5	1.25	5.21
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 01-Sep-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%	798	758	781
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	760	774
	Ballia	0.00%	100.00%	0.00%	0.00%	796	743	768
	Bhiwani	0.00%	74.10%	25.90%	25.90%	808	771	791
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	745	757
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	748	772
	Jhatikara	0.00%	79.10%	20.90%	20.90%	807	764	787
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	743	770
	Meerut	0.00%	62.43%	35.69%	35.69%	817	773	796
	Moga	0.00%	100.00%	0.00%	0.00%	797	762	775
Phagi	0.00%	80.76%	19.24%	19.24%	806	764	786	
Unnao	0.00%	100.00%	0.00%	0.00%	781	735	758	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	762	775
	Aurangabad	0.00%	98.96%	1.04%	1.04%	801	760	786
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	765	779
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	762	770
	Bina	0.00%	99.24%	0.76%	0.76%	801	770	788
	Champa	0.00%	99.93%	0.00%	0.00%	800	784	793
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	767	777
	Dhule (BDTCL)	0.00%	98.54%	1.46%	1.46%	801	757	785
	Gwalior	0.00%	96.18%	3.82%	3.82%	803	763	786
	Indore	0.00%	100.00%	0.00%	0.00%	792	768	780
	Jabalpur	0.00%	99.58%	0.42%	0.42%	802	773	789
	Koradi	0.00%	100.00%	0.00%	0.00%	771	753	763
	Pune	0.00%	100.00%	0.00%	0.00%	796	745	771
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	796	783	791
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	786	777	785
	Sasan	0.00%	100.00%	0.00%	0.00%	784	765	777
	Satna	0.00%	100.00%	0.00%	0.00%	796	769	785
	Seoni	0.00%	100.00%	0.00%	0.00%	796	773	786
	Sipat	0.00%	100.00%	0.00%	0.00%	774	762	768
	Sholapur	0.00%	75.49%	24.51%	24.51%	809	767	794
Tamnara PS	0.00%	100.00%	0.00%	0.00%	795	783	790	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	98.75%	1.25%	1.25%	802	774	789	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	785	771	779	
Wardha	0.00%	98.33%	1.67%	1.67%	802	771	787	
SR	Nellore PS	0.00%	99.93%	0.07%	0.07%	800	780	788
	Raichur	0.00%	86.39%	13.61%	13.61%	807	773	792
	Kurnool	0.00%	72.29%	27.71%	27.71%	810	781	797
	Thiruvalam	0.00%	49.58%	50.42%	50.42%	815	789	802
ER	Angul	0.00%	100.00%	0.00%	0.00%	775	760	770
	Gaya	0.00%	100.00%	0.00%	0.00%	793	744	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	774	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	765	781
	Sasaram	1.04%	98.96%	0.00%	1.04%	791	721	764
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	402	406
	Balipara (400 kV)	0.00%	99.93%	0.07%	0.07%	422	399	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	396	403
	Misa (400 kV)	0.00%	99.93%	0.07%	0.07%	423	400	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	398	407

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