

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

**Date of Reporting: 30-Jun-16
System Reliability Indices Report for: 29-Jun-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	25	6.25	26.04
2	ER-NR	0	0.00	0.00
3	Import of NR	36	9.00	37.50
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	15	3.75	15.63
2	ER-NR	0	0.00	0.00
3	Import of NR	22	5.50	22.92
4	NEW-SR	0	0.00	0.00
4	ER-NER	4	1.00	4.17

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 29-Jun-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%	785	742	765
	Anpara-C	0.00%	100.00%	0.00%	0.00%	763	748	755
	Ballia	0.00%	100.00%	0.00%	0.00%	770	740	754
	Bhiwani	0.00%	100.00%	0.00%	0.00%	788	758	772
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	737	756
	Jhatikara	0.00%	100.00%	0.00%	0.00%	789	751	769
	Lucknow	0.00%	100.00%	0.00%	0.00%	780	744	763
	Meerut	0.00%	100.00%	0.00%	0.00%	794	749	776
	Moga	0.00%	100.00%	0.00%	0.00%	758	758	758
	Phagi	0.00%	100.00%	0.00%	0.00%	774	746	766
Unnao	0.49%	99.51%	0.00%	0.49%	756	728	743	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	763	775
	Aurangabad	0.00%	94.24%	5.76%	5.76%	805	765	786
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	746	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	759	768
	Bina	0.00%	100.00%	0.00%	0.00%	784	749	769
	Champa	0.00%	98.96%	0.07%	0.07%	801	782	793
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	767	775
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	765	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	748	769
	Indore	0.00%	100.00%	0.00%	0.00%	790	745	769
	Jabalpur	0.00%	100.00%	0.00%	0.00%	785	756	773
	Koradi	0.00%	100.00%	0.00%	0.00%	772	753	763
	Pune	0.00%	95.42%	0.00%	0.00%	800	767	786
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	797	782	790
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	791	773	783
	Sasan	0.00%	100.00%	0.00%	0.00%	772	754	764
	Satna	0.00%	100.00%	0.00%	0.00%	778	748	766
	Seoni	0.00%	100.00%	0.00%	0.00%	791	762	779
	Sipat	0.00%	100.00%	0.00%	0.00%	774	759	767
	Sholapur	0.00%	61.32%	33.61%	33.61%	817	767	797
Tamnara PS	0.00%	100.00%	0.00%	0.00%	797	782	790	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	752	773	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	774	758	767	
Wardha	0.00%	96.67%	3.33%	3.33%	803	765	785	
SR	Nellore PS	0.00%	86.04%	13.96%	13.96%	805	777	792
	Raichur	0.00%	68.61%	31.39%	31.39%	812	762	794
	Kurmoor	0.00%	70.97%	29.03%	29.03%	814	768	790
	Thiruvalam	0.00%	39.31%	60.69%	60.69%	822	781	800
ER	Angul	0.00%	100.00%	0.00%	0.00%	785	767	779
	Gaya	0.00%	100.00%	0.00%	0.00%	765	738	750
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	776	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	771	784
	Sasaram	0.00%	100.00%	0.00%	0.00%	776	745	761
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	407	406	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	384	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	393	408
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	420	390	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	400	409

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