

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **28-Jun-16**
System Reliability Indices Report for: **27-Jun-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	20	5.00	20.83
2	ER-NR	0	0.00	0.00
3	Import of NR	30	7.50	31.25
4	NEW-SR	0	0.00	0.00
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	2	0.50	2.08
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 27-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%	783	752	761
	Anpara-C	0.00%	100.00%	0.00%	0.00%	770	757	762
	Ballia	0.00%	100.00%	0.00%	0.00%	786	750	764
	Bhiwani	0.00%	100.00%	0.00%	0.00%	800	763	771
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	753	764
	Jhatikara	0.00%	100.00%	0.00%	0.00%	788	759	778
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	756	767
	Meerut	0.00%	99.86%	0.07%	0.07%	801	771	778
	Moga	0.00%	100.00%	0.00%	0.00%	786	763	767
Phagi	0.00%	100.00%	0.00%	0.00%	787	753	768	
Unnao	0.00%	100.00%	0.00%	0.00%	767	737	749	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	759	773
	Aurangabad	0.00%	99.31%	0.69%	0.69%	802	757	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	771	744	758
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	756	762
	Bina	0.00%	100.00%	0.00%	0.00%	780	755	766
	Champa	0.00%	100.00%	0.00%	0.00%	798	777	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	755	762
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	771	784
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	745	770
	Indore	0.00%	100.00%	0.00%	0.00%	787	746	766
	Jabalpur	0.00%	100.00%	0.00%	0.00%	781	752	763
	Koradi	0.00%	100.00%	0.00%	0.00%	768	750	761
	Pune	0.00%	98.47%	0.00%	0.00%	800	761	785
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	795	777	784
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	784	772	774
	Sasan	0.00%	100.00%	0.00%	0.00%	770	757	764
	Satna	0.00%	100.00%	0.00%	0.00%	777	753	765
	Seoni	0.00%	100.00%	0.00%	0.00%	782	762	773
	Sipat	0.00%	100.00%	0.00%	0.00%	771	755	761
	Sholapur	0.00%	73.13%	23.96%	23.96%	810	768	795
Tamnar PS	0.00%	100.00%	0.00%	0.00%	795	777	784	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	786	753	771	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	772	759	767	
Wardha	0.00%	100.00%	0.00%	0.00%	799	760	781	
SR	Nellore PS	0.00%	99.65%	0.35%	0.35%	801	780	791
	Raichur	0.00%	84.58%	15.42%	15.42%	808	772	794
	Kurnool	0.00%	67.36%	32.64%	32.64%	809	778	796
	Thiruvalam	0.00%	46.04%	53.96%	53.96%	815	790	802
ER	Angul	0.00%	100.00%	0.00%	0.00%	781	764	770
	Gaya	0.00%	100.00%	0.00%	0.00%	780	747	761
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	771	778
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	766	776
	Sasaram	0.00%	100.00%	0.00%	0.00%	795	728	762
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	406	409
	Balipara (400 kV)	0.00%	95.21%	4.79%	4.79%	423	408	413
	Bongaigaon (400 kV)	0.00%	95.42%	4.58%	4.58%	422	407	413
	Misa (400 kV)	0.00%	94.51%	5.49%	5.49%	423	403	414
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	406	411

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