

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **31-Jul-16**
System Reliability Indices Report for: **30-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	1	0.25	1.04
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	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 30-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	746	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	760	771
	Ballia	0.00%	100.00%	0.00%	0.00%	798	757	777
	Bhiwani	0.00%	95.42%	4.58%	4.58%	806	764	787
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	735	761
	Jhatikara	0.00%	100.00%	0.00%	0.00%	778	778	778
	Lucknow	0.00%	85.00%	15.00%	15.00%	810	766	788
	Meerut	0.00%	68.96%	29.31%	29.31%	815	770	795
	Moga	0.00%	97.29%	2.71%	2.71%	803	764	785
Phagi	0.00%	100.00%	0.00%	0.00%	790	761	780	
Unnao	0.00%	100.00%	0.00%	0.00%	784	741	762	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	749	767
	Aurangabad	0.00%	98.75%	1.25%	1.25%	802	754	786
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	753	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	758	767
	Bina	0.00%	100.00%	0.00%	0.00%	789	756	777
	Champa	0.00%	81.67%	13.47%	13.47%	802	784	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	766	778
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	776	787
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	749	776
	Indore	0.00%	100.00%	0.00%	0.00%	783	756	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	764	782
	Koradi	0.00%	100.00%	0.00%	0.00%	772	736	751
	Pune	0.00%	100.00%	0.00%	0.00%	780	737	759
	Raigarh PS (Kotra)	0.00%	99.79%	0.21%	0.21%	800	783	794
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	790	780	785
	Sasan	0.00%	100.00%	0.00%	0.00%	779	759	772
	Satna	0.00%	100.00%	0.00%	0.00%	790	758	778
	Seoni	0.00%	100.00%	0.00%	0.00%	792	766	782
	Sipat	0.00%	100.00%	0.00%	0.00%	773	757	765
	Sholapur	0.00%	73.47%	21.94%	21.94%	809	762	792
Tamnara PS	0.00%	100.00%	0.00%	0.00%	800	783	792	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	790	768	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	782	762	775	
Wardha	0.00%	92.92%	7.08%	7.08%	803	765	787	
SR	Nellore PS	0.00%	97.71%	2.29%	2.29%	801	783	792
	Raichur	0.00%	80.28%	19.72%	19.72%	808	768	793
	Kurnool	0.00%	38.40%	61.60%	61.60%	814	777	801
	Thiruvalam	0.00%	14.79%	85.21%	85.21%	818	798	807
ER	Angul	0.00%	100.00%	0.00%	0.00%	792	770	783
	Gaya	0.00%	100.00%	0.00%	0.00%	793	756	776
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	776	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	781	781	781
	Sasaram	7.71%	92.29%	0.00%	7.71%	774	721	748
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	407
	Misa (400 kV)	0.00%	90.63%	9.38%	9.38%	423	402	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	410

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