

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

Date of Reporting: **18-Sep-17**
System Reliability Indices Report for: **17-Sep-17**

Percentage (%) of times ATC 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	1	0.25	1.04
4	NEW-SR	0	0.00	0.00
5	NER Import	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	NER Import	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 17-Sep-2017

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%	795	765	778
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	760	760	760
	Anpara-C	0.00%	100.00%	0.00%	0.00%	763	748	758
	Anpara-D	0.00%	100.00%	0.00%	0.00%	763	748	757
	Anta	0.00%	100.00%	0.00%	0.00%	793	753	779
	Ballia	0.00%	98.47%	1.53%	1.53%	817	753	773
	Bara	0.00%	100.00%	0.00%	0.00%	771	771	771
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	774	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	749	763
	Greater Noida	0.00%	100.00%	0.00%	0.00%	794	768	780
	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	771	783
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	757
	Lucknow	0.00%	100.00%	0.00%	0.00%	799	761	780
	Lalitpur	0.00%	100.00%	0.00%	0.00%	785	768	776
	Meerut	0.00%	94.93%	2.71%	2.71%	805	769	787
	Moga	0.00%	100.00%	0.00%	0.00%	791	763	778
	Phagi	0.00%	100.00%	0.00%	0.00%	796	764	781
Varanasi	0.00%	100.00%	0.00%	0.00%	788	757	774	
Unnao	0.00%	100.00%	0.00%	0.00%	757	757	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	771	781
	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	767	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	765	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	763	768
	Bina	0.00%	100.00%	0.00%	0.00%	793	771	779
	Champa	0.00%	100.00%	0.00%	0.00%	798	780	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	773	779
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	771	785
	Ektuni	0.00%	100.00%	0.00%	0.00%	790	767	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	767	779
	Indore	0.00%	100.00%	0.00%	0.00%	789	767	777
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	777	785
	Koradi	0.00%	100.00%	0.00%	0.00%	781	765	773
	Pune	0.00%	100.00%	0.00%	0.00%	783	742	768
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	782	790
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	786	776	781
	Sasan	0.00%	100.00%	0.00%	0.00%	776	763	768
	Satna	0.00%	100.00%	0.00%	0.00%	783	763	771
	Seoni	0.00%	100.00%	0.00%	0.00%	792	773	782
	Sipat	0.00%	100.00%	0.00%	0.00%	771	761	766
Solapur	0.00%	86.60%	13.40%	13.40%	805	781	794	
Tamnar	0.00%	100.00%	0.00%	0.00%	791	791	791	
Tirora	0.00%	100.00%	0.00%	0.00%	775	762	768	
Vadodara	0.00%	100.00%	0.00%	0.00%	798	779	788	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	778	765	771	
Wardha	0.00%	100.00%	0.00%	0.00%	792	772	782	
SR	Kurnool	0.00%	84.44%	15.56%	15.56%	803	785	794
	Nellore PS	0.00%	99.93%	0.07%	0.07%	800	789	795
	Raichur	0.00%	97.71%	2.29%	2.29%	801	784	793
	Nizamabad	0.00%	97.92%	2.08%	2.08%	800	765	779
	Srikakulam	0.00%	62.71%	37.29%	37.29%	807	789	799
	Thiruvallam	0.00%	0.00%	100.00%	100.00%	815	802	809
	Vemagiri	0.00%	85.83%	14.17%	14.17%	805	781	797
ER	Angul	0.00%	100.00%	0.00%	0.00%	799	783	792
	Gaya	0.00%	100.00%	0.00%	0.00%	783	753	767
	Jharsuguda	0.00%	93.13%	6.88%	6.88%	803	788	795
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	776	785
	Sasaram	0.00%	100.00%	0.00%	0.00%	789	747	771
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	386	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	402
	Bongaigaon TPS (400 kV)	0.00%	99.24%	0.76%	0.76%	422	392	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	414	386	407
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	423	401	405
	Misa (400 kV)	0.00%	94.31%	5.69%	5.69%	426	402	412
	Ranganadi (400 kV)	0.00%	78.54%	21.46%	21.46%	430	401	417
	Biswanath Chariali (400 kV)	0.00%	98.61%	0.63%	0.63%	423	402	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	402	412

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