

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

Date of Reporting: 1-Oct-17
System Reliability Indices Report for: 30-Sep-17

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	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 30-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%	99.79%	0.07%	0.07%	801	768	781
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	775	758	768
	Anpara-C	0.00%	100.00%	0.00%	0.00%	765	754	759
	Anpara-D	0.00%	100.00%	0.00%	0.00%	765	753	758
	Anta	0.00%	100.00%	0.00%	0.00%	790	770	779
	Ballia	0.00%	100.00%	0.00%	0.00%	789	757	771
	Bara	0.00%	100.00%	0.00%	0.00%	771	763	769
	Bhiwani	0.00%	99.31%	0.69%	0.69%	802	775	787
	Bareilly	0.00%	100.00%	0.00%	0.00%	758	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	752	765
	Greater Noida	0.00%	99.72%	0.28%	0.28%	802	773	785
	Jhatikara	0.00%	99.31%	0.69%	0.69%	802	772	785
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	759	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	789	755	770
	Lalitpur	0.00%	100.00%	0.00%	0.00%	779	765	771
	Meerut	0.00%	97.01%	1.81%	1.81%	803	770	786
	Moga	0.00%	100.00%	0.00%	0.00%	792	766	780
Phagi	0.00%	100.00%	0.00%	0.00%	796	769	782	
Unnao	0.00%	100.00%	0.00%	0.00%	757	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	772	782
	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	774	788
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	763	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	764	767
	Bina	0.00%	100.00%	0.00%	0.00%	791	770	780
	Champa	0.00%	17.43%	52.43%	52.43%	805	797	801
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	774	779
	Ektuni	0.00%	100.00%	0.00%	0.00%	769	769	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	765	781
	Indore	0.00%	100.00%	0.00%	0.00%	785	766	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	775	785
	Koradi	0.00%	100.00%	0.00%	0.00%	780	767	774
	Pune	0.00%	100.00%	0.00%	0.00%	784	757	772
	Raigarh Pooling	0.00%	59.79%	40.21%	40.21%	804	797	800
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	791	791	791
	Sasan	0.00%	100.00%	0.00%	0.00%	775	757	766
	Satna	0.00%	100.00%	0.00%	0.00%	784	761	771
	Seoni	0.00%	100.00%	0.00%	0.00%	790	776	781
	Sipat	0.00%	100.00%	0.00%	0.00%	769	763	766
	Solapur	0.00%	85.97%	14.03%	14.03%	804	780	793
Tamnar	0.00%	32.57%	67.43%	67.43%	804	797	801	
Tirora	0.00%	100.00%	0.00%	0.00%	775	765	770	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	775	785	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	761	769	
Wardha	0.00%	100.00%	0.00%	0.00%	799	779	788	
SR	Kurnool	0.00%	72.99%	27.01%	27.01%	808	787	797
	Nellore PS	0.00%	94.93%	5.07%	5.07%	801	786	793
	Raichur	0.00%	80.69%	19.31%	19.31%	804	784	794
	Nizamabad	0.00%	100.00%	0.00%	0.00%	787	778	786
	Srikakulam	0.00%	37.71%	62.29%	62.29%	805	794	800
	Thiruvallam	0.00%	4.79%	95.21%	95.21%	819	797	807
ER	Vemagiri	0.00%	97.22%	2.78%	2.78%	801	789	796
	Angul	0.00%	100.00%	0.00%	0.00%	800	788	795
	Gaya	0.00%	100.00%	0.00%	0.00%	790	761	773
	Jharsuguda	0.00%	96.67%	3.33%	3.33%	801	791	796
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	780	789
NER	Sasaram	0.00%	100.00%	0.00%	0.00%	777	742	757
	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	386	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	399	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	398	405
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	392	414
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	386	409
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	421	401	405
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	420	402	416
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	416
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	412
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	414	

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