

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

Date of Reporting: **16-Sep-17**
System Reliability Indices Report for: **15-Sep-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	32	8.00	33.33
2	ER-NR	0	0.00	0.00
3	Import of NR	28	7.00	29.17
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	3	0.75	3.13
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
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 15-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%	793	760	775
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	760	760	760
	Anpara-C	0.00%	100.00%	0.00%	0.00%	763	754	759
	Anpara-D	0.00%	100.00%	0.00%	0.00%	763	753	758
	Anta	0.00%	100.00%	0.00%	0.00%	798	779	790
	Ballia	0.00%	100.00%	0.00%	0.00%	788	761	775
	Bara	0.00%	100.00%	0.00%	0.00%	771	771	771
	Bhiwani	0.00%	100.00%	0.00%	0.00%	795	763	780
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	749	764
	Greater Noida	0.00%	100.00%	0.00%	0.00%	794	758	775
	Jhatikara	0.00%	100.00%	0.00%	0.00%	792	762	776
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	760	760
	Lucknow	0.00%	100.00%	0.00%	0.00%	792	766	779
	Lalitpur	0.00%	100.00%	0.00%	0.00%	782	770	775
	Meerut	0.00%	99.65%	0.14%	0.14%	801	758	779
	Moga	0.00%	100.00%	0.00%	0.00%	785	754	770
	Phagi	0.00%	100.00%	0.00%	0.00%	794	766	782
Varanasi	0.00%	100.00%	0.00%	0.00%	786	761	773	
Unnao	0.00%	100.00%	0.00%	0.00%	757	757	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	784	771	778
	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	771	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	776	748	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	763	767
	Bina	0.00%	100.00%	0.00%	0.00%	785	767	775
	Champa	0.00%	100.00%	0.00%	0.00%	797	783	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	773	778
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	773	783
	Ektuni	0.00%	100.00%	0.00%	0.00%	784	770	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	764	777
	Indore	0.00%	100.00%	0.00%	0.00%	780	757	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	791	777	783
	Koradi	0.00%	100.00%	0.00%	0.00%	776	766	772
	Pune	0.00%	100.00%	0.00%	0.00%	793	749	772
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	793	783	788
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	788	779	785
	Sasan	0.00%	100.00%	0.00%	0.00%	770	762	765
	Satna	0.00%	100.00%	0.00%	0.00%	774	761	765
	Seoni	0.00%	100.00%	0.00%	0.00%	789	775	782
	Sipat	0.00%	100.00%	0.00%	0.00%	769	761	765
	Solapur	0.00%	96.18%	3.82%	3.82%	803	781	792
	Tamnar	0.00%	100.00%	0.00%	0.00%	794	785	789
	Tirora	0.00%	100.00%	0.00%	0.00%	771	762	767
Vadodara	0.00%	100.00%	0.00%	0.00%	791	769	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	771	764	767	
Wardha	0.00%	100.00%	0.00%	0.00%	795	774	786	
SR	Kurnool	0.00%	90.21%	9.79%	9.79%	803	775	788
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	778	786
	Raichur	0.00%	97.92%	2.08%	2.08%	802	779	789
	Nizamabad	0.00%	87.92%	12.08%	12.08%	805	781	792
	Srikakulam	0.00%	98.06%	1.94%	1.94%	801	790	795
	Thiruvallam	0.00%	67.57%	32.43%	32.43%	813	787	798
Vemagiri	0.00%	100.00%	0.00%	0.00%	799	784	792	
ER	Angul	0.00%	100.00%	0.00%	0.00%	795	783	789
	Gaya	0.00%	100.00%	0.00%	0.00%	778	755	767
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	784	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	774	781
Sasaram	0.00%	100.00%	0.00%	0.00%	785	739	769	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	386	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	399	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	398	403
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	392	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	386	407
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	420	401	405
	Misa (400 kV)	0.00%	98.82%	1.18%	1.18%	421	402	411
	Ranganadi (400 kV)	0.00%	93.61%	6.39%	6.39%	425	401	414
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	408
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	410	

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