

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

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

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	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 17-May-2018

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%	778	757	768	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	759	752	756	
	Anta	0.00%	100.00%	0.00%	0.00%	784	766	774	
	Ballia	0.00%	100.00%	0.00%	0.00%	766	734	750	
	Bhiwani	0.00%	100.00%	0.00%	0.00%	782	766	776	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	769	746	756	
	Greater Noida	0.00%	100.00%	0.00%	0.00%	786	768	776	
	Lucknow	0.00%	100.00%	0.00%	0.00%	769	741	755	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	773	761	769	
	Meerut	0.00%	100.00%	0.00%	0.00%	788	767	777	
	Moga	0.00%	100.00%	0.00%	0.00%	779	764	772	
	Phagi	0.00%	100.00%	0.00%	0.00%	785	762	774	
Varanasi	0.00%	100.00%	0.00%	0.00%	777	744	760		
Unnao	0.00%	100.00%	0.00%	0.00%	757	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	783	762	772	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	789	774	783	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	768	777	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	761	766	
	Bina	0.00%	100.00%	0.00%	0.00%	782	769	776	
	Champa	0.00%	100.00%	0.00%	0.00%	787	778	783	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	773	766	770	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	771	781	
	Gwalior	0.00%	100.00%	0.00%	0.00%	785	767	775	
	Indore	0.00%	100.00%	0.00%	0.00%	786	767	778	
	Koradi	0.00%	100.00%	0.00%	0.00%	774	760	767	
	Pune	0.00%	100.00%	0.00%	0.00%	785	771	779	
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	789	783	786	
	Sasan	0.00%	100.00%	0.00%	0.00%	769	763	765	
	Seoni	0.00%	100.00%	0.00%	0.00%	785	773	780	
	Sipat	0.00%	100.00%	0.00%	0.00%	767	761	764	
	Solapur	0.00%	81.45%	18.55%	18.55%	802	788	797	
	Tamnar	0.00%	100.00%	0.00%	0.00%	792	785	789	
	Tirora	0.00%	100.00%	0.00%	0.00%	769	757	763	
	Vadodara	0.00%	100.00%	0.00%	0.00%	787	769	779	
SR	Kurnool	0.00%	61.29%	38.71%	38.71%	807	786	797	
	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	778	784	
	Raichur	0.00%	62.10%	37.90%	37.90%	806	789	798	
	Srikakulam	0.00%	100.00%	0.00%	0.00%	788	775	782	
	Thiruvallam	0.00%	61.83%	38.17%	38.17%	810	787	798	
	Vemagiri	0.00%	100.00%	0.00%	0.00%	789	778	782	
	ER	Angul	0.00%	100.00%	0.00%	0.00%	782	769	774
		Gaya	0.00%	100.00%	0.00%	0.00%	771	737	752
		Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	780	784
		Ranchi	0.00%	100.00%	0.00%	0.00%	777	764	768
Bongaigaon (400 kV)		0.00%	100.00%	0.00%	0.00%	401	401	401	
NER	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	409	
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	420	400	409	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	404	
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	409	

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