

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

Date of Reporting: **28-May-18**  
System Reliability Indices Report for: **27-May-18**

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	15	3.75	15.63
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	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 27-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%	783	749	767	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	766	756	761	
	Anta	0.00%	100.00%	0.00%	0.00%	788	767	777	
	Ballia	0.00%	100.00%	0.00%	0.00%	787	759	773	
	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	771	780	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	770	743	757	
	Greater Noida	0.00%	100.00%	0.00%	0.00%	770	765	768	
	Lucknow	0.00%	100.00%	0.00%	0.00%	793	764	779	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	782	760	773	
	Meerut	0.00%	100.00%	0.00%	0.00%	795	764	777	
	Moga	0.00%	100.00%	0.00%	0.00%	783	761	771	
	Phagi	0.00%	100.00%	0.00%	0.00%	790	746	776	
	Varanasi	0.00%	100.00%	0.00%	0.00%	782	755	770	
Unnao	0.00%	100.00%	0.00%	0.00%	768	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	775	757	767	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	768	781	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	745	772	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	762	769	
	Bina	0.00%	100.00%	0.00%	0.00%	789	765	776	
	Champa	0.00%	100.00%	0.00%	0.00%	793	784	789	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	768	773	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	767	778	
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	762	777	
	Indore	0.00%	100.00%	0.00%	0.00%	789	757	775	
	Koradi	0.00%	100.00%	0.00%	0.00%	769	758	764	
	Pune	0.00%	100.00%	0.00%	0.00%	785	746	769	
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	788	792	
	Sasan	0.00%	100.00%	0.00%	0.00%	770	760	765	
	Seoni	0.00%	100.00%	0.00%	0.00%	791	775	783	
	Sipat	0.00%	100.00%	0.00%	0.00%	771	759	766	
	Solapur	0.00%	99.93%	0.07%	0.07%	800	778	791	
	Tamnar	0.00%	100.00%	0.00%	0.00%	797	790	794	
	Tirora	0.00%	100.00%	0.00%	0.00%	765	757	761	
	SR	Vadodara	0.00%	100.00%	0.00%	0.00%	790	767	778
Kurnool		0.00%	87.50%	12.50%	12.50%	804	779	792	
Nellore PS		0.00%	99.51%	0.49%	0.49%	800	782	790	
Raichur		0.00%	85.90%	14.10%	14.10%	804	781	794	
Srikakulam		0.00%	100.00%	0.00%	0.00%	788	775	779	
Thiruvallam		0.00%	28.83%	71.17%	71.17%	808	790	801	
Vemagiri		0.00%	100.00%	0.00%	0.00%	789	774	782	
ER		Angul	0.00%	100.00%	0.00%	0.00%	781	769	775
		Gaya	0.00%	100.00%	0.00%	0.00%	777	753	763
		Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	782	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	784	767	775	
NER	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	406	
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	405	410	
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	411	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	407	
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	411	

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