

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

Date of Reporting: **16-Feb-18**  
System Reliability Indices Report for: **15-Feb-18**

**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	1	0.25	1.04
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 15-Feb-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%	98.68%	0.76%	0.76%	803	760	783	
	Anpara-C	0.00%	100.00%	0.00%	0.00%	782	768	776	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	768	774	
	Anta	0.00%	100.00%	0.00%	0.00%	796	771	783	
	Ballia	0.00%	100.00%	0.00%	0.00%	790	757	775	
	Bhiwani	0.00%	82.64%	17.36%	17.36%	807	775	793	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	742	763	
	Greater Noida	0.00%	70.28%	29.72%	29.72%	813	775	795	
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	744	754	758	
	Lucknow	0.00%	100.00%	0.00%	0.00%	797	764	782	
	Lalitpur	0.00%	0.00%	0.00%	0.00%	791	768	780	
	Meerut	0.00%	76.04%	19.93%	19.93%	815	776	794	
	Moga	0.00%	100.00%	0.00%	0.00%	799	768	781	
	Phagi	0.00%	99.58%	0.42%	0.42%	804	767	786	
Varanasi	0.00%	100.00%	0.00%	0.00%	796	762	778		
Unnao	0.00%	100.00%	0.00%	0.00%	782	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	758	774	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	763	783	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	757	773	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	769	756	763	
	Bina	0.00%	100.00%	0.00%	0.00%	793	760	777	
	Champa	0.00%	100.00%	0.00%	0.00%	787	770	780	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	760	770	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	760	779	
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	761	783	
	Indore	0.00%	100.00%	0.00%	0.00%	785	757	773	
	Koradi	0.00%	100.00%	0.00%	0.00%	775	757	765	
	Pune	0.00%	100.00%	0.00%	0.00%	794	746	772	
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	787	769	777	
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	785	775	779	
	Sasan	0.00%	100.00%	0.00%	0.00%	775	758	766	
	Seoni	0.00%	100.00%	0.00%	0.00%	790	766	778	
	Sipat	0.00%	100.00%	0.00%	0.00%	767	755	761	
	Solapur	0.00%	95.28%	4.72%	4.72%	804	767	787	
	Tamnar	0.00%	100.00%	0.00%	0.00%	787	771	778	
	Tirora	0.00%	100.00%	0.00%	0.00%	775	756	765	
	Vadodara	0.00%	100.00%	0.00%	0.00%	797	765	781	
	Kurnool	0.00%	95.83%	4.17%	4.17%	802	759	781	
	SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	757	776
		Raichur	0.00%	99.79%	0.21%	0.21%	801	765	783
Srikakulam		0.00%	100.00%	0.00%	0.00%	799	776	788	
Thiruvalam		0.00%	84.38%	15.63%	15.63%	804	763	785	
Vemagiri		0.00%	100.00%	0.00%	0.00%	795	769	782	
ER		Angul	0.00%	100.00%	0.00%	0.00%	792	775	782
		Gaya	0.00%	100.00%	0.00%	0.00%	785	754	771
		Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	777	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	786	766	777	
NER	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	397	404	
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	404	412	
	Palatana (400 kV)	0.00%	75.76%	21.94%	21.94%	422	416	405	
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	420	401	411	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	407	
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	406	414	

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