

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

Date of Reporting: **5-Feb-18**  
System Reliability Indices Report for: **4-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	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 04-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%	100.00%	0.00%	0.00%	797	767	784	
	Anpara-C	0.00%	100.00%	0.00%	0.00%	767	762	765	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	768	761	765	
	Anta	0.00%	100.00%	0.00%	0.00%	795	769	785	
	Ballia	0.00%	100.00%	0.00%	0.00%	783	763	773	
	Bhiwani	0.00%	5.69%	94.31%	94.31%	803	789	803	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	745	766	
	Greater Noida	0.00%	82.08%	17.92%	17.92%	805	783	790	
	Jhatikara	0.00%	65.28%	34.72%	34.72%	808	780	796	
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758	
	Lucknow	0.00%	100.00%	0.00%	0.00%	790	765	779	
	Lalitpur	0.00%	0.00%	0.00%	0.00%	788	767	0	
	Meerut	0.00%	58.19%	33.33%	33.33%	815	776	798	
	Moga	0.00%	95.76%	4.24%	4.24%	805	767	788	
	Phagi	0.00%	100.00%	0.00%	0.00%	800	769	787	
	Varanasi	0.00%	100.00%	0.00%	0.00%	787	768	778	
Unnao	0.00%	100.00%	0.00%	0.00%	769	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	756	775	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	764	783	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	756	773	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	759	766	
	Bina	0.00%	100.00%	0.00%	0.00%	792	763	780	
	Champa	0.00%	100.00%	0.00%	0.00%	797	782	788	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	766	773	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	761	781	
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	763	783	
	Indore	0.00%	100.00%	0.00%	0.00%	788	758	775	
	Jabalpur	0.00%	100.00%	0.00%	0.00%	793	765	781	
	Koradi	0.00%	100.00%	0.00%	0.00%	776	756	768	
	Pune	0.00%	100.00%	0.00%	0.00%	797	757	776	
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	786	792	
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	792	782	785	
	Sasan	0.00%	100.00%	0.00%	0.00%	776	761	768	
	Seoni	0.00%	100.00%	0.00%	0.00%	789	764	777	
	Sipat	0.00%	100.00%	0.00%	0.00%	769	758	764	
	Solapur	0.00%	96.25%	3.75%	3.75%	808	774	791	
	Tamnar	0.00%	100.00%	0.00%	0.00%	798	786	791	
	Tirora	0.00%	100.00%	0.00%	0.00%	770	755	764	
	Vadodara	0.00%	100.00%	0.00%	0.00%	796	767	783	
	Kurnool	0.00%	99.72%	0.28%	0.28%	801	765	785	
	SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	772	785
Raichur		0.00%	99.79%	0.21%	0.21%	800	770	787	
Srikakulam		0.00%	100.00%	0.00%	0.00%	799	780	789	
Thiruvalem		0.00%	62.50%	37.50%	37.50%	810	781	796	
Vemagiri		0.00%	100.00%	0.00%	0.00%	795	775	785	
ER		Angul	0.00%	100.00%	0.00%	0.00%	794	778	786
		Gaya	0.00%	100.00%	0.00%	0.00%	780	762	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	784	792	
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	771	780	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	408	
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	410	
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	410	
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	408	
	Palatana (400 kV)	0.00%	99.17%	0.76%	0.76%	420	414	405	
	Misa (400 kV)	0.00%	99.58%	0.42%	0.42%	420	401	409	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	393	404	
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	411		

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