

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

Date of Reporting: **3-Feb-18**
System Reliability Indices Report for: **2-Feb-18**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	4	1.00	4.17
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	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	3	0.75	3.13
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 02-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%	796	754	782	
	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	763	767	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	771	763	767	
	Anta	0.00%	100.00%	0.00%	0.00%	794	766	784	
	Ballia	0.00%	100.00%	0.00%	0.00%	786	758	774	
	Bhiwani	0.00%	74.72%	25.28%	25.28%	807	779	795	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	737	766	
	Greater Noida	0.00%	86.74%	13.26%	13.26%	807	770	793	
	Jhatikara	0.00%	92.50%	7.50%	7.50%	805	766	791	
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758	
	Lucknow	0.00%	100.00%	0.00%	0.00%	790	761	777	
	Lalitpur	0.00%	0.00%	0.00%	0.00%	784	729	0	
	Meerut	0.00%	91.94%	4.38%	4.38%	813	761	792	
	Moga	0.00%	98.13%	1.88%	1.88%	806	756	784	
	Phagi	0.00%	100.00%	0.00%	0.00%	795	759	785	
	Varanasi	0.00%	100.00%	0.00%	0.00%	787	762	777	
Unnao	0.00%	100.00%	0.00%	0.00%	771	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	757	774	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	760	778	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	754	772	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	756	766	
	Bina	0.00%	100.00%	0.00%	0.00%	791	756	777	
	Champa	0.00%	94.03%	4.51%	4.51%	808	778	792	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	762	777	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	760	778	
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	757	783	
	Indore	0.00%	100.00%	0.00%	0.00%	793	755	775	
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	762	782	
	Koradi	0.00%	100.00%	0.00%	0.00%	777	756	768	
	Pune	0.00%	100.00%	0.00%	0.00%	791	754	772	
	Raigarh Pooling	0.00%	97.64%	2.36%	2.36%	803	782	792	
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	798	778	786	
	Sasan	0.00%	100.00%	0.00%	0.00%	772	757	766	
	Seoni	0.00%	100.00%	0.00%	0.00%	790	757	774	
	Sipat	0.00%	100.00%	0.00%	0.00%	771	756	764	
	Solapur	0.00%	97.85%	2.15%	2.15%	804	764	785	
	Tamnar	0.00%	97.71%	2.29%	2.29%	803	782	793	
	Tirora	0.00%	100.00%	0.00%	0.00%	770	754	764	
	Vadodara	0.00%	100.00%	0.00%	0.00%	796	765	780	
	Kurnool	0.00%	96.81%	3.19%	3.19%	807	753	783	
	SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	758	778
Raichur		0.00%	97.85%	2.15%	2.15%	803	760	784	
Srikakulam		0.00%	100.00%	0.00%	0.00%	797	776	790	
Thiruvallam		0.00%	63.06%	36.94%	36.94%	812	766	792	
Vemagiri		0.00%	100.00%	0.00%	0.00%	792	766	781	
ER		Angul	0.00%	100.00%	0.00%	0.00%	792	774	785
		Gaya	0.00%	100.00%	0.00%	0.00%	780	758	770
	Jharsuguda	0.00%	94.86%	5.14%	5.14%	804	779	793	
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	768	781	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	407	
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	408	
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	410	
	Byrnhat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	407	
	Palatana (400 kV)	0.00%	99.58%	0.42%	0.42%	421	414	405	
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	410	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	390	406	
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	412	

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