

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

Date of Reporting: **2-Feb-18**
System Reliability Indices Report for: **1-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	8	2.00	8.33
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 01-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	768	782
	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	766	770
	Anpara-D	0.00%	100.00%	0.00%	0.00%	773	765	769
	Anta	0.00%	100.00%	0.00%	0.00%	796	768	784
	Ballia	0.00%	100.00%	0.00%	0.00%	785	763	772
	Bhiwani	0.00%	69.97%	30.03%	30.03%	810	782	795
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	747	767
	Greater Noida	0.00%	76.72%	23.28%	23.28%	806	784	794
	Jhatikara	0.00%	74.08%	25.92%	25.92%	810	781	794
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	792	764	779
	Lalitpur	0.00%	0.00%	0.00%	0.00%	785	748	0
	Meerut	0.00%	69.94%	22.04%	22.04%	809	776	795
	Moga	0.00%	95.61%	4.39%	4.39%	803	774	790
	Phagi	0.00%	96.72%	3.28%	3.28%	800	772	786
Varanasi	0.00%	100.00%	0.00%	0.00%	790	769	779	
Unnao	0.00%	100.00%	0.00%	0.00%	774	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	759	773
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	763	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	779	747	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	758	765
	Bina	0.00%	100.00%	0.00%	0.00%	787	761	772
	Champa	0.00%	94.43%	3.48%	3.48%	805	780	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	765	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	765	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	767	779
	Indore	0.00%	100.00%	0.00%	0.00%	782	749	769
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	765	776
	Koradi	0.00%	100.00%	0.00%	0.00%	778	759	768
	Pune	0.00%	100.00%	0.00%	0.00%	793	736	773
	Raigarh Pooling	0.00%	95.40%	4.60%	4.60%	803	786	793
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	778	787
	Sasan	0.00%	100.00%	0.00%	0.00%	771	759	764
	Seoni	0.00%	100.00%	0.00%	0.00%	787	762	774
	Sipat	0.00%	100.00%	0.00%	0.00%	770	758	763
	Solapur	0.00%	96.86%	3.14%	3.14%	804	770	787
	Tamnar	0.00%	96.30%	3.70%	3.70%	802	785	793
	Tirora	0.00%	100.00%	0.00%	0.00%	773	758	764
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	766	779
	Kurnool	0.00%	98.40%	1.60%	1.60%	804	757	780
	SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	761
Raichur		0.00%	98.88%	1.12%	1.12%	803	764	782
Srikakulam		0.00%	99.30%	0.70%	0.70%	802	777	788
Thiruvallam		0.00%	72.02%	27.98%	27.98%	810	768	788
Vemagiri		0.00%	100.00%	0.00%	0.00%	798	771	781
Angul		0.00%	100.00%	0.00%	0.00%	795	776	785
ER	Gaya	0.00%	100.00%	0.00%	0.00%	782	759	771
	Jharsuguda	0.00%	99.93%	0.07%	0.07%	800	783	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	771	779
	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	407
NER	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	409
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	411
	Byrnhat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	407
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	420	414	405
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	410
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	414	394	405
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	411

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