

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

Date of Reporting: **1-Feb-18**
System Reliability Indices Report for: **31-Jan-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 31-Jan-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%	99.58%	0.14%	0.14%	801	764	782	
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	763	770	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	774	763	769	
	Anta	0.00%	100.00%	0.00%	0.00%	798	768	782	
	Ballia	0.00%	100.00%	0.00%	0.00%	787	758	771	
	Bhiwani	0.00%	84.38%	15.63%	15.63%	810	775	792	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	744	765	
	Greater Noida	0.00%	74.86%	25.14%	25.14%	814	779	794	
	Jhatikara	0.00%	80.49%	19.51%	19.51%	810	776	791	
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758	
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	763	780	
	Lalitpur	0.00%	0.00%	0.00%	0.00%	785	745	0	
	Meerut	0.00%	75.35%	18.68%	18.68%	818	771	793	
	Moga	0.00%	97.85%	2.15%	2.15%	807	759	780	
	Phagi	0.00%	99.51%	0.49%	0.49%	801	768	784	
	Varanasi	0.00%	100.00%	0.00%	0.00%	791	765	779	
Unnao	0.00%	100.00%	0.00%	0.00%	775	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	760	774	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	770	781	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	757	770	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	756	765	
	Bina	0.00%	100.00%	0.00%	0.00%	788	760	775	
	Champa	0.00%	100.00%	0.00%	0.00%	799	778	790	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	766	773	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	763	780	
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	761	781	
	Indore	0.00%	100.00%	0.00%	0.00%	792	756	772	
	Jabalpur	0.00%	100.00%	0.00%	0.00%	791	764	778	
	Koradi	0.00%	100.00%	0.00%	0.00%	777	759	769	
	Pune	0.00%	100.00%	0.00%	0.00%	787	742	770	
	Raigarh Pooling	0.00%	98.89%	1.11%	1.11%	802	786	794	
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	791	778	786	
	Sasan	0.00%	100.00%	0.00%	0.00%	771	758	765	
	Seoni	0.00%	100.00%	0.00%	0.00%	790	764	777	
	Sipat	0.00%	100.00%	0.00%	0.00%	770	756	763	
	Solapur	0.00%	96.25%	3.75%	3.75%	807	773	790	
	Tamnar	0.00%	99.17%	0.83%	0.83%	801	787	794	
	Tirora	0.00%	100.00%	0.00%	0.00%	772	758	765	
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	764	780	
	Kurnool	0.00%	97.08%	2.92%	2.92%	806	771	786	
	SR	Nellore PS	0.00%	99.65%	0.35%	0.35%	802	771	785
Raichur		0.00%	97.71%	2.29%	2.29%	804	774	787	
Srikakulam		0.00%	99.93%	0.07%	0.07%	800	780	789	
Thiruvalem		0.00%	88.82%	11.18%	11.18%	806	774	783	
Vemagiri		0.00%	100.00%	0.00%	0.00%	794	772	784	
ER		Angul	0.00%	100.00%	0.00%	0.00%	793	775	784
		Gaya	0.00%	100.00%	0.00%	0.00%	783	758	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	783	791	
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	771	779	
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%	418	403	409	
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	405	412	
	Byrnhat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	408	
	Palatana (400 kV)	0.00%	88.19%	11.32%	11.32%	423	415	405	
	Misa (400 kV)	0.00%	99.17%	0.83%	0.83%	423	402	411	
	Biswanath Chariali (400 kV)	0.00%	99.93%	0.07%	0.07%	421	396	406	
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	405	412		

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