

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

**Date of Reporting: 19-Dec-17
System Reliability Indices Report for: 18-Dec-17**

Percentage (%) of times ATC was violated

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	2	0.50	2.08
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 18-Dec-2017

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%	99.38%	0.14%	0.14%	801	762	786	
	Anpara-C	0.00%	100.00%	0.00%	0.00%	786	771	776	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	788	770	776	
	Anta	0.00%	100.00%	0.00%	0.00%	800	762	787	
	Ballia	0.00%	100.00%	0.00%	0.00%	793	764	777	
	Bhiwani	0.00%	53.26%	46.74%	46.74%	808	781	797	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	749	770	
	Greater Noida	0.00%	100.00%	0.00%	0.00%	793	793	793	
	Jhatikara	0.00%	74.93%	25.07%	25.07%	810	789	797	
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	752	754	758	
	Lucknow	0.00%	99.44%	0.56%	0.56%	801	768	783	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	781	765	773	
	Meerut	0.00%	69.86%	26.88%	26.88%	810	778	796	
	Moga	0.00%	99.10%	0.90%	0.90%	802	768	787	
	Phagi	0.00%	86.94%	13.06%	13.06%	801	768	789	
	Varanasi	0.00%	100.00%	0.00%	0.00%	796	771	782	
Unnao	0.00%	100.00%	0.00%	0.00%	783	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	755	773	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	746	781	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	751	773	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	779	753	768	
	Bina	0.00%	100.00%	0.00%	0.00%	796	755	777	
	Champa	0.00%	44.65%	47.85%	47.85%	809	780	799	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	762	779	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	757	780	
	Gwalior	0.00%	99.51%	0.49%	0.49%	803	760	783	
	Indore	0.00%	100.00%	0.00%	0.00%	793	753	774	
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	760	781	
	Koradi	0.00%	100.00%	0.00%	0.00%	780	754	766	
	Pune	0.00%	100.00%	0.00%	0.00%	794	745	772	
	Raigarh Pooling	0.00%	55.35%	44.65%	44.65%	806	784	799	
	Raipur Pooling	0.00%	82.64%	17.36%	17.36%	801	772	792	
	Sasan	0.00%	100.00%	0.00%	0.00%	776	754	766	
	Seoni	0.00%	100.00%	0.00%	0.00%	795	757	780	
	Sipat	0.00%	100.00%	0.00%	0.00%	776	754	766	
	Solapur	0.00%	94.79%	5.21%	5.21%	805	752	786	
	Tamnar	0.00%	34.31%	65.69%	65.69%	805	794	800	
	Tirora	0.00%	100.00%	0.00%	0.00%	773	753	763	
	Vadodara	0.00%	99.65%	0.35%	0.35%	801	765	782	
	Kurnool	0.00%	81.46%	18.54%	18.54%	810	755	786	
	SR	Nellore PS	0.00%	89.03%	10.97%	10.97%	805	763	786
Raichur		0.00%	90.56%	9.44%	9.44%	806	752	785	
Srikakulam		0.00%	78.47%	21.53%	21.53%	808	773	791	
Thiruvallur		0.00%	49.03%	50.97%	50.97%	818	772	797	
Vemagiri		0.00%	86.46%	13.54%	13.54%	808	753	786	
ER		Angul	0.00%	99.86%	0.14%	0.14%	800	776	789
		Gaya	0.00%	100.00%	0.00%	0.00%	789	764	775
		Jharsuguda	0.00%	92.64%	7.36%	7.36%	802	777	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	772	784	
	Sasaram	0.00%	100.00%	0.00%	0.00%	765	738	751	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408	
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	409	
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	413	
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408	
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	417	406	405	
	Misa (400 kV)	0.00%	98.96%	1.04%	1.04%	421	397	412	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	392	409	
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	409		

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