

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

**System Reliability Indices Report for the week from
08-Aug-2016 to 14-Aug-2016**

Date: 18-Aug-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	39	9.75	5.80
2	ER-NR	0	0.00	0.00
3	Import of NR	38	9.50	5.65
4	NEW-SR	102	25.50	15.18
5	ER-NER	41	10.25	6.10

Percentage(%) of times (N-1) Criteria was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	15	3.75	2.23
2	ER-NR	0	0.00	0.00
3	Import of NR	16	4.00	2.38
4	NEW-SR	9	2.25	1.34
4	ER-NER	26	6.50	3.87

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 week from 08-Aug-2016 to 14-Aug-2016

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%	99.67%	0.11%	0.11%	802	748	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	783	743	766
	Ballia	0.00%	99.95%	0.05%	0.05%	801	749	773
	Bhiwani	0.00%	96.61%	3.39%	3.39%	807	762	780
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	743	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	798	746	770
	Jhatikara	0.00%	99.12%	0.88%	0.88%	805	759	778
	Lucknow	0.00%	99.37%	0.63%	0.63%	812	745	772
	Meerut	0.00%	78.72%	19.17%	19.17%	821	767	791
	Moga	0.00%	98.54%	1.46%	1.46%	805	757	779
Phagi	0.00%	99.50%	0.50%	0.50%	805	752	780	
Unnao	0.00%	100.00%	0.00%	0.00%	790	729	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	792	752	776
	Aurangabad	0.00%	98.06%	1.94%	1.94%	806	747	786
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	753	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	754	768
	Bina	0.00%	100.00%	0.00%	0.00%	799	754	777
	Champa	0.00%	77.24%	16.42%	16.42%	808	782	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	767	778
	Dhule (BDTCL)	0.00%	99.70%	0.30%	0.30%	803	746	783
	Gwalior	0.01%	99.00%	0.99%	1.00%	808	725	779
	Indore	0.00%	100.00%	0.00%	0.00%	791	756	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	752	779
	Koradi	0.00%	100.00%	0.00%	0.00%	773	738	758
	Pune	0.19%	99.64%	0.00%	0.19%	800	723	769
	Raigarh PS (Kotra)	0.00%	97.31%	2.69%	2.69%	802	783	794
	Raipur PS (Durg)	0.00%	96.83%	3.17%	3.17%	802	772	785
	Sasan	0.00%	100.00%	0.00%	0.00%	787	758	775
	Satna	0.00%	100.00%	0.00%	0.00%	797	754	781
	Seoni	0.00%	100.00%	0.00%	0.00%	797	766	783
	Sipat	0.00%	100.00%	0.00%	0.00%	775	754	767
	Sholapur	0.00%	86.23%	11.86%	11.86%	813	772	791
Tamnara PS	0.00%	99.48%	0.52%	0.52%	802	782	792	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	800	765	785	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	786	759	777	
Wardha	0.00%	98.85%	1.15%	1.15%	808	760	786	
SR	Nellore PS	0.00%	96.50%	3.50%	3.50%	808	761	785
	Raichur	0.00%	91.18%	8.82%	8.82%	811	748	789
	Kurnool	0.00%	80.31%	19.69%	19.69%	813	756	792
	Thiruvalam	0.00%	76.67%	23.33%	23.33%	812	769	792
ER	Angul	0.00%	100.00%	0.00%	0.00%	791	765	783
	Gaya	0.00%	100.00%	0.00%	0.00%	796	751	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	772	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	752	785
Sasaram	0.07%	99.93%	0.00%	0.07%	796	727	753	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	407
	Balipara (400 kV)	0.00%	99.72%	0.28%	0.28%	427	391	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	394	406
	Misa (400 kV)	0.00%	99.08%	0.92%	0.92%	428	395	410
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	409	

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