

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

**System Reliability Indices Report for the week from
01-Aug-2016 to 07-Aug-2016**

Date: 12-Aug-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	148	37.00	22.02
2	ER-NR	0	0.00	0.00
3	Import of NR	206	51.50	30.65
4	NEW-SR	15	3.75	2.23
5	ER-NER	50	12.50	7.44

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	25	6.25	3.72
2	ER-NR	0	0.00	0.00
3	Import of NR	32	8.00	4.76
4	NEW-SR	0	0.00	0.00
4	ER-NER	39	9.75	5.80

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 01-Aug-2016 to 07-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%	99.99%	0.00%	0.00%	800	747	776
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	743	764
	Ballia	0.00%	100.00%	0.00%	0.00%	797	746	772
	Bhiwani	0.00%	97.23%	2.77%	2.77%	803	744	782
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	734	757
	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	736	770
	Jhatikara	0.00%	99.91%	0.09%	0.09%	801	761	787
	Lucknow	0.00%	98.58%	1.42%	1.42%	807	746	775
	Meerut	0.00%	78.32%	18.73%	18.73%	814	751	790
	Moga	0.00%	97.59%	2.41%	2.41%	806	752	783
Phagi	0.00%	100.00%	0.00%	0.00%	800	740	779	
Unnao	0.64%	99.36%	0.00%	0.64%	782	725	753	
WR	Akola	0.00%	100.00%	0.00%	0.00%	797	759	778
	Aurangabad	0.00%	87.12%	12.88%	12.88%	809	759	790
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	739	777
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	754	766
	Bina	0.00%	99.99%	0.01%	0.01%	800	753	781
	Champa	0.00%	41.79%	52.39%	52.39%	816	785	801
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	766	778
	Dhule (BDTCL)	0.00%	99.37%	0.63%	0.63%	804	758	784
	Gwalior	0.00%	99.86%	0.14%	0.14%	802	749	779
	Indore	0.00%	100.00%	0.00%	0.00%	792	757	777
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	758	787
	Koradi	0.00%	100.00%	0.00%	0.00%	772	745	758
	Pune	0.00%	99.97%	0.00%	0.00%	800	729	768
	Raigarh PS (Kotra)	0.00%	63.67%	36.32%	36.32%	810	784	798
	Raipur PS (Durg)	0.00%	98.14%	1.86%	1.86%	802	772	788
	Sasan	0.00%	100.00%	0.00%	0.00%	786	759	775
	Satna	0.00%	100.00%	0.00%	0.00%	798	760	782
	Seoni	0.00%	100.00%	0.00%	0.00%	797	756	781
	Sipat	0.00%	100.00%	0.00%	0.00%	773	754	764
	Sholapur	0.00%	68.98%	27.75%	27.75%	816	759	794
Tamnara PS	0.00%	76.63%	23.37%	23.37%	809	782	796	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	799	765	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	789	764	778	
Wardha	0.00%	92.44%	7.56%	7.56%	809	763	790	
SR	Nellore PS	0.00%	97.76%	2.24%	2.24%	806	769	787
	Raichur	0.00%	86.46%	13.54%	13.54%	812	758	790
	Kurnool	0.00%	78.53%	21.47%	21.47%	818	762	793
	Thiruvalam	0.00%	66.38%	33.62%	33.62%	819	776	797
ER	Angul	0.00%	100.00%	0.00%	0.00%	792	769	784
	Gaya	0.00%	100.00%	0.00%	0.00%	793	750	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	775	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	764	783
	Sasaram	0.10%	99.90%	0.00%	0.10%	788	727	756
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	407
	Balipara (400 kV)	0.00%	99.87%	0.13%	0.13%	425	389	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	391	406
	Misa (400 kV)	0.00%	99.21%	0.79%	0.79%	427	393	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	410

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