

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

**System Reliability Indices Report for the week from
11-Jul-2016 to 17-Jul-2016**

Date: 20-Jul-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	0.15
2	ER-NR	0	0.00	0.00
3	Import of NR	49	12.25	7.29
4	NEW-SR	64	16.00	9.52
5	ER-NER	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	4	1.00	0.60
4	NEW-SR	0	0.00	0.00
4	ER-NER	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 week from 11-Jul-2016 to 17-Jul-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%	100.00%	0.00%	0.00%	796	746	762
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	749	765
	Ballia	0.00%	99.93%	0.07%	0.07%	801	750	775
	Bhiwani	0.00%	94.30%	5.70%	5.70%	806	752	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	740	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	738	763
	Jhatikara	0.00%	100.00%	0.00%	0.00%	770	770	770
	Lucknow	0.00%	93.59%	6.41%	6.41%	819	751	778
	Meerut	0.00%	93.07%	5.74%	5.74%	811	754	781
	Moga	0.00%	99.51%	0.49%	0.49%	802	753	774
Phagi	0.00%	97.92%	2.08%	2.08%	802	751	777	
Unnao	0.42%	99.58%	0.00%	0.42%	784	725	753	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	751	770
	Aurangabad	0.00%	98.30%	1.70%	1.70%	804	748	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	745	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	781	757	770
	Bina	0.00%	99.63%	0.37%	0.37%	801	753	777
	Champa	0.00%	86.30%	9.62%	9.62%	808	781	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	762	777
	Dhule (BDTCL)	0.00%	99.99%	0.01%	0.01%	801	744	782
	Gwalior	0.00%	96.95%	3.05%	3.05%	804	751	778
	Indore	0.00%	100.00%	0.00%	0.00%	791	745	771
	Jabalpur	0.00%	99.33%	0.67%	0.67%	802	757	779
	Koradi	0.00%	100.00%	0.00%	0.00%	767	739	753
	Pune	0.00%	100.00%	0.00%	0.00%	798	732	763
	Raigarh PS (Kotra)	0.00%	92.57%	7.43%	7.43%	804	783	795
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	798	770	785
	Sasan	0.00%	100.00%	0.00%	0.00%	784	761	772
	Satna	0.00%	100.00%	0.00%	0.00%	796	760	778
	Seoni	0.00%	100.00%	0.00%	0.00%	794	763	780
	Sipat	0.00%	100.00%	0.00%	0.00%	778	757	768
	Sholapur	0.00%	78.01%	18.81%	18.81%	812	749	790
Tamnara PS	0.00%	99.23%	0.77%	0.77%	802	781	792	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	796	754	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	785	765	775	
Wardha	0.00%	98.98%	1.02%	1.02%	807	762	784	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	760	782
	Raichur	0.00%	91.72%	8.28%	8.28%	809	742	787
	Kurnool	0.00%	89.22%	10.78%	10.78%	809	754	790
	Thiruvalam	0.00%	82.56%	17.44%	17.44%	817	771	795
ER	Angul	0.00%	100.00%	0.00%	0.00%	798	761	780
	Gaya	0.00%	100.00%	0.00%	0.00%	796	753	772
	Jharsuguda	0.00%	99.31%	0.69%	0.69%	801	773	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	759	781
Sasaram	1.02%	98.96%	0.01%	1.04%	805	717	757	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	407
	Balipara (400 kV)	0.00%	99.54%	0.46%	0.46%	423	394	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	408
	Misa (400 kV)	0.00%	99.18%	0.82%	0.82%	423	398	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	409

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