

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

**System Reliability Indices Report for the week from
29-Aug-2016 to 04-Sep-2016**

Date: 9-Sep-2016

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	18	4.50	2.68
5	ER-NER	63	15.75	9.38

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	ER-NER	49	12.25	7.29

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 29-Aug-2016 to 04-Sep-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	0.01%	99.41%	0.23%	0.24%	804	704	778
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	756	772
	Ballia	0.00%	100.00%	0.00%	0.00%	796	743	771
	Bhiwani	0.00%	77.11%	22.89%	22.89%	809	758	790
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	736	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	729	767
	Jhatikara	0.00%	92.73%	7.27%	7.27%	807	751	784
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	743	771
	Meerut	0.00%	76.59%	20.72%	20.72%	817	751	790
	Moga	0.00%	94.78%	5.22%	5.22%	814	747	780
Phagi	0.00%	94.56%	5.44%	5.44%	806	751	783	
Unnao	0.00%	100.00%	0.00%	0.00%	781	730	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	748	770
	Aurangabad	0.00%	99.14%	0.86%	0.86%	805	750	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	751	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	757	768
	Bina	0.00%	98.89%	1.11%	1.11%	801	756	783
	Champa	0.00%	88.42%	8.36%	8.36%	805	774	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	758	775
	Dhule (BDTCL)	0.00%	98.91%	1.09%	1.09%	802	748	782
	Gwalior	0.00%	97.69%	2.31%	2.31%	806	754	782
	Indore	0.00%	100.00%	0.00%	0.00%	793	752	775
	Jabalpur	0.00%	99.07%	0.93%	0.93%	802	758	784
	Koradi	0.00%	100.00%	0.00%	0.00%	772	738	757
	Pune	0.00%	99.81%	0.00%	0.00%	800	728	766
	Raigarh PS (Kotra)	0.00%	96.27%	3.73%	3.73%	803	774	789
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	793	767	782
	Sasan	0.00%	100.00%	0.00%	0.00%	786	759	774
	Satna	0.00%	100.00%	0.00%	0.00%	799	761	781
	Seoni	0.00%	100.00%	0.00%	0.00%	798	763	783
	Sipat	0.00%	100.00%	0.00%	0.00%	775	758	767
	Sholapur	0.00%	84.98%	15.02%	15.02%	811	748	790
Tamnara PS	0.00%	98.79%	1.21%	1.21%	803	775	789	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	98.39%	1.61%	1.61%	802	763	784	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	789	763	777	
Wardha	0.00%	98.46%	1.54%	1.54%	804	761	784	
SR	Nellore PS	0.00%	99.90%	0.10%	0.10%	801	770	787
	Raichur	0.00%	92.72%	7.28%	7.28%	808	757	790
	Kurnool	0.00%	80.25%	19.75%	19.75%	812	764	794
	Thiruvalam	0.00%	54.18%	45.82%	45.82%	817	781	800
ER	Angul	0.00%	100.00%	0.00%	0.00%	786	755	770
	Gaya	0.00%	100.00%	0.00%	0.00%	793	744	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	768	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	760	779
Sasaram	0.46%	99.54%	0.00%	0.46%	797	721	755	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	406
	Balipara (400 kV)	0.00%	99.26%	0.74%	0.74%	422	398	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	394	404
	Misa (400 kV)	0.00%	98.97%	1.03%	1.03%	423	399	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	408

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