

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

**System Reliability Indices Report for the week from
22-Aug-2016 to 28-Aug-2016**

Date: 2-Sep-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	21	5.25	3.13
2	ER-NR	0	0.00	0.00
3	Import of NR	11	2.75	1.64
4	NEW-SR	72	18.00	10.71
5	ER-NER	190	47.50	28.27

Percentage(%) of times (N-1) Criteria 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	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
4	ER-NER	140	35.00	20.83

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 22-Aug-2016 to 28-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%	99.72%	0.14%	0.14%	803	749	778
	Anpara-C	0.00%	100.00%	0.00%	0.00%	787	761	776
	Ballia	0.00%	100.00%	0.00%	0.00%	799	756	777
	Bhiwani	0.00%	97.73%	2.27%	2.27%	807	768	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	747	760
	Fatehpur	0.00%	99.94%	0.00%	0.00%	800	740	772
	Jhatikara	0.00%	99.23%	0.77%	0.77%	806	758	782
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	757	775
	Meerut	0.00%	88.15%	8.83%	8.83%	813	764	788
	Moga	0.00%	95.28%	4.72%	4.72%	811	761	784
Phagi	0.00%	99.41%	0.59%	0.59%	801	755	780	
Unnao	0.00%	100.00%	0.00%	0.00%	783	746	763	
WR	Akola	0.00%	100.00%	0.00%	0.00%	796	738	768
	Aurangabad	0.00%	99.85%	0.15%	0.15%	806	734	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	748	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	757	765
	Bina	0.00%	100.00%	0.00%	0.00%	791	751	775
	Champa	0.00%	100.00%	0.00%	0.00%	799	778	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	757	771
	Dhule (BDTCL)	0.00%	99.70%	0.30%	0.30%	801	746	781
	Gwalior	0.00%	99.91%	0.09%	0.09%	802	750	779
	Indore	0.00%	100.00%	0.00%	0.00%	789	749	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	752	774
	Koradi	0.00%	100.00%	0.00%	0.00%	776	734	756
	Pune	0.00%	99.91%	0.00%	0.00%	800	738	776
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	795	776	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	789	751	778
	Sasan	0.00%	99.98%	0.02%	0.02%	1060	757	770
	Satna	0.00%	100.00%	0.00%	0.00%	791	757	777
	Seoni	0.00%	100.00%	0.00%	0.00%	792	760	778
	Sipat	0.00%	100.00%	0.00%	0.00%	771	757	764
	Sholapur	0.00%	94.37%	5.63%	5.63%	813	746	787
Tamnara PS	0.00%	100.00%	0.00%	0.00%	794	776	786	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	799	758	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	762	773	
Wardha	0.00%	99.96%	0.04%	0.04%	803	747	780	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	758	780
	Raichur	0.00%	98.45%	1.55%	1.55%	805	750	783
	Kurnool	0.00%	95.73%	4.27%	4.27%	810	759	787
	Thiruvalam	0.00%	81.80%	18.20%	18.20%	814	764	792
ER	Angul	0.00%	100.00%	0.00%	0.00%	778	755	768
	Gaya	0.00%	100.00%	0.00%	0.00%	796	756	776
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	768	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	759	779
	Sasaram	0.93%	99.07%	0.00%	0.93%	800	719	756
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	406
	Balipara (400 kV)	0.00%	98.67%	1.33%	1.33%	423	394	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	390	404
	Misa (400 kV)	0.00%	97.95%	2.05%	2.05%	423	397	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	409

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