

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

**System Reliability Indices Report for the week from
18-Jul-2016 to 24-Jul-2016**

Date: 29-Jul-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	131	32.75	19.49
2	ER-NR	0	0.00	0.00
3	Import of NR	118	29.50	17.56
4	NEW-SR	36	9.00	5.36
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	8	2.00	1.19
2	ER-NR	0	0.00	0.00
3	Import of NR	11	2.75	1.64
4	NEW-SR	3	0.75	0.45
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 18-Jul-2016 to 24-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	741	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	752	764
	Ballia	0.00%	99.70%	0.30%	0.30%	802	744	777
	Bhiwani	0.00%	99.25%	0.75%	0.75%	803	751	780
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	741	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	797	729	765
	Jhatikara	0.00%	100.00%	0.00%	0.00%	770	770	770
	Lucknow	0.00%	96.93%	3.07%	3.07%	806	748	777
	Meerut	0.00%	93.42%	5.05%	5.05%	811	749	782
	Moga	0.00%	99.95%	0.05%	0.05%	801	744	777
Phagi	0.00%	100.00%	0.00%	0.00%	795	748	771	
Unnao	0.58%	99.42%	0.00%	0.58%	783	725	754	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	748	768
	Aurangabad	0.00%	98.46%	1.54%	1.54%	805	749	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	734	763
	Bilaspur	0.00%	100.00%	0.00%	0.00%	781	754	770
	Bina	0.00%	100.00%	0.00%	0.00%	789	747	770
	Champa	0.00%	89.95%	7.38%	7.38%	808	774	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	749	775
	Dhule (BDTCL)	0.00%	99.99%	0.01%	0.01%	801	748	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	744	773
	Indore	0.00%	100.00%	0.00%	0.00%	785	748	767
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	740	772
	Koradi	0.00%	100.00%	0.00%	0.00%	773	737	752
	Pune	0.01%	99.99%	0.00%	0.01%	797	728	761
	Raigarh PS (Kotra)	0.00%	97.55%	2.45%	2.45%	802	776	793
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	795	761	785
	Sasan	0.00%	100.00%	0.00%	0.00%	780	751	765
	Satna	0.00%	100.00%	0.00%	0.00%	789	745	769
	Seoni	0.00%	100.00%	0.00%	0.00%	792	773	787
	Sipat	0.00%	100.00%	0.00%	0.00%	777	755	769
	Sholapur	0.00%	83.38%	13.41%	13.41%	812	758	791
Tamnara PS	0.00%	99.81%	0.19%	0.19%	802	775	792	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	789	756	774	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	784	756	767	
Wardha	0.00%	96.68%	3.32%	3.32%	807	760	786	
SR	Nellore PS	0.00%	96.15%	3.85%	3.85%	806	771	790
	Raichur	0.00%	89.66%	10.34%	10.34%	811	758	791
	Kurnool	0.00%	54.23%	45.77%	45.77%	816	767	798
	Thiruvalam	0.00%	38.68%	61.32%	61.32%	822	781	803
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	767	780
	Gaya	0.00%	100.00%	0.00%	0.00%	795	748	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	769	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	762	782
	Sasaram	0.51%	99.49%	0.00%	0.51%	787	718	756
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	408
	Balipara (400 kV)	0.00%	99.79%	0.21%	0.21%	422	391	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	396	408
	Misa (400 kV)	0.00%	95.06%	4.94%	4.94%	425	397	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	411

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