

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

**Date of Reporting: 25-Jul-16  
System Reliability Indices Report for: 24-Jul-16**

**Percentage (%) of times ATC was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	Import of NR	5	1.25	5.21
4	NEW-SR	0	0.00	0.00
5	ER-NER	0	0.00	0.00

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

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
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	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 day of 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	758	777
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	758	768
	Ballia	0.00%	99.79%	0.21%	0.21%	801	764	783
	Bhiwani	0.00%	100.00%	0.00%	0.00%	800	769	786
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	755
	Fatehpur	0.00%	100.00%	0.00%	0.00%	797	752	775
	Jhatikara	0.00%	100.00%	0.00%	0.00%	770	770	770
	Lucknow	0.00%	95.90%	4.10%	4.10%	803	765	785
	Meerut	0.00%	79.17%	15.76%	15.76%	810	773	793
	Moga	0.00%	99.79%	0.21%	0.21%	801	773	788
Phagi	0.00%	100.00%	0.00%	0.00%	792	760	775	
Unnao	0.00%	100.00%	0.00%	0.00%	773	740	758	
WR	Akola	0.00%	100.00%	0.00%	0.00%	776	750	765
	Aurangabad	0.00%	99.86%	0.14%	0.14%	800	755	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	776	751	762
	Bilaspur	0.00%	100.00%	0.00%	0.00%	779	764	771
	Bina	0.00%	100.00%	0.00%	0.00%	789	760	774
	Champa	0.00%	100.00%	0.00%	0.00%	799	786	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	772	778
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	761	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	761	777
	Indore	0.00%	100.00%	0.00%	0.00%	777	751	763
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	765	777
	Koradi	0.00%	100.00%	0.00%	0.00%	757	738	749
	Pune	0.00%	100.00%	0.00%	0.00%	776	737	759
	Raigarh PS (Kotra)	0.00%	98.47%	1.53%	1.53%	801	784	793
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	794	774	783
	Sasan	0.00%	100.00%	0.00%	0.00%	774	757	765
	Satna	0.00%	100.00%	0.00%	0.00%	783	757	770
	Seoni	0.00%	100.00%	0.00%	0.00%	787	787	787
	Sipat	0.00%	100.00%	0.00%	0.00%	777	763	770
	Sholapur	0.00%	86.25%	12.15%	12.15%	805	769	788
Tamnara PS	0.00%	99.79%	0.21%	0.21%	800	783	791	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	783	756	770	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	773	759	767	
Wardha	0.00%	97.78%	2.22%	2.22%	803	762	782	
SR	Nellore PS	0.00%	99.24%	0.76%	0.76%	802	782	793
	Raichur	0.00%	93.06%	6.94%	6.94%	805	775	791
	Kurnool	0.00%	42.99%	57.01%	57.01%	813	787	800
	Thiruvalam	0.00%	13.75%	86.25%	86.25%	815	793	805
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	771	782
	Gaya	0.00%	100.00%	0.00%	0.00%	794	763	779
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	778	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	773	786
Sasaram	0.00%	100.00%	0.00%	0.00%	776	738	757	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	408	410
	Balipara (400 kV)	0.00%	99.79%	0.21%	0.21%	420	401	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	410
	Misa (400 kV)	0.00%	90.90%	9.10%	9.10%	424	406	417
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	405	413

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