

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

**Date of Reporting: 6-Jun-16  
System Reliability Indices Report for: 5-Jun-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	2	0.50	2.08
2	ER-NR	0	0.00	0.00
3	Import of NR	22	5.50	22.92
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	2	0.50	2.08
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 05-Jun-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%	788	741	763
	Anpara-C	0.00%	100.00%	0.00%	0.00%	771	751	760
	Ballia	0.00%	100.00%	0.00%	0.00%	775	737	753
	Bhiwani	0.00%	100.00%	0.00%	0.00%	760	760	760
	Bareilly	0.00%	100.00%	0.00%	0.00%	756	756	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	736	756
	Jhatikara	0.00%	100.00%	0.00%	0.00%	779	740	760
	Lucknow	0.00%	100.00%	0.00%	0.00%	784	744	761
	Meerut	0.00%	100.00%	0.00%	0.00%	792	748	772
	Moga	0.00%	100.00%	0.00%	0.00%	782	749	767
	Phagi	0.00%	100.00%	0.00%	0.00%	779	739	758
Unnao	0.00%	100.00%	0.00%	0.00%	771	735	751	
WR	Akola	0.00%	100.00%	0.00%	0.00%	772	747	761
	Aurangabad	0.00%	99.58%	0.42%	0.42%	801	760	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	747	759
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	758	764
	Bina	0.00%	100.00%	0.00%	0.00%	790	755	768
	Champa	0.00%	100.00%	0.00%	0.00%	797	779	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	762	769
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	759	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	750	769
	Indore	0.00%	100.00%	0.00%	0.00%	781	742	758
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	754	770
	Koradi	0.00%	100.00%	0.00%	0.00%	762	740	752
	Pune	0.00%	94.17%	0.00%	0.00%	800	755	782
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	794	779	785
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	784	765	777
	Sasan	0.00%	100.00%	0.00%	0.00%	776	757	765
	Satna	0.00%	100.00%	0.00%	0.00%	784	756	768
	Seoni	0.00%	100.00%	0.00%	0.00%	790	762	772
	Sipat	0.00%	100.00%	0.00%	0.00%	772	758	763
	Sholapur	0.00%	70.97%	26.81%	26.81%	813	775	795
Tamnara PS	0.00%	100.00%	0.00%	0.00%	794	780	786	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	788	761	773	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	762	768	
Wardha	0.00%	100.00%	0.00%	0.00%	798	764	780	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	777	786
	Raichur	0.00%	73.68%	26.32%	26.32%	810	775	795
	Kurnool	0.00%	38.61%	61.39%	61.39%	813	784	800
	Thiruvalam	0.00%	50.14%	49.86%	49.86%	808	788	798
ER	Angul	0.00%	100.00%	0.00%	0.00%	775	760	767
	Gaya	0.00%	100.00%	0.00%	0.00%	772	737	752
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	772	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	772	781
	Sasaram	0.00%	100.00%	0.00%	0.00%	777	736	756
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	396	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	406
	Misa (400 kV)	0.00%	99.44%	0.56%	0.56%	420	399	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	410

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