

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

**Date of Reporting: 27-May-16  
System Reliability Indices Report for: 26-May-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	16	4.00	16.67
2	ER-NR	0	0.00	0.00
3	Import of NR	39	9.75	40.63
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	8	2.00	8.33
2	ER-NR	0	0.00	0.00
3	Import of NR	13	3.25	13.54
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 26-May-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%	786	735	764
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	756	767
	Ballia	0.00%	100.00%	0.00%	0.00%	784	736	761
	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	748	772
	Bareilly	0.42%	99.58%	0.00%	0.42%	760	726	751
	Fatehpur	0.00%	99.93%	0.00%	0.00%	778	728	754
	Jhatikara	0.00%	100.00%	0.00%	0.00%	786	738	762
	Lucknow	0.00%	100.00%	0.00%	0.00%	787	735	762
	Meerut	0.00%	99.93%	0.00%	0.00%	800	745	772
	Moga	0.00%	100.00%	0.00%	0.00%	792	749	771
	Phagi	0.00%	100.00%	0.00%	0.00%	777	735	758
Unnao	3.40%	96.60%	0.00%	3.40%	769	723	748	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	754	768
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	753	775
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	778	741	761
	Bilaspur	0.00%	100.00%	0.00%	0.00%	768	749	757
	Bina	0.00%	100.00%	0.00%	0.00%	779	746	764
	Champa	0.00%	100.00%	0.00%	0.00%	795	777	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	774	752	763
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	759	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	743	767
	Indore	0.00%	100.00%	0.00%	0.00%	782	740	761
	Jabalpur	0.00%	100.00%	0.00%	0.00%	779	748	766
	Koradi	0.00%	100.00%	0.00%	0.00%	783	751	761
	Pune	0.00%	100.00%	0.00%	0.00%	795	756	777
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	778	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	783	764	774
	Sasan	0.00%	100.00%	0.00%	0.00%	775	752	763
	Satna	0.00%	100.00%	0.00%	0.00%	781	745	766
	Seoni	0.00%	100.00%	0.00%	0.00%	781	757	771
	Sipat	0.00%	100.00%	0.00%	0.00%	765	752	758
	Sholapur	0.07%	92.64%	5.21%	5.28%	807	708	788
Tamnara PS	0.00%	100.00%	0.00%	0.00%	799	780	787	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	788	751	768	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	775	756	768	
Wardha	0.00%	100.00%	0.00%	0.00%	793	753	773	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	767	778
	Raichur	0.00%	96.71%	3.29%	3.29%	803	775	788
	Kurnool	0.00%	86.21%	13.79%	13.79%	807	775	790
	Thiruvalam	0.00%	88.80%	11.20%	11.20%	802	769	786
ER	Angul	0.00%	100.00%	0.00%	0.00%	770	758	764
	Gaya	0.00%	100.00%	0.00%	0.00%	782	735	759
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	781	767	774
	Ranchi	0.00%	100.00%	0.00%	0.00%	786	770	777
Sasaram	0.00%	100.00%	0.00%	0.00%	792	732	759	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	402	405
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	394	400
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	405
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	407

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