

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

**Date of Reporting: 6-Jul-16  
System Reliability Indices Report for: 5-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	31	7.75	32.29
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	1	0.25	1.04
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-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%	794	753	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	754	765
	Ballia	0.00%	100.00%	0.00%	0.00%	787	751	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	794	755	776
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	743	764
	Jhatikara	0.00%	100.00%	0.00%	0.00%	795	755	767
	Lucknow	0.00%	100.00%	0.00%	0.00%	793	753	774
	Meerut	0.00%	99.86%	0.00%	0.00%	800	756	780
	Moga	0.00%	100.00%	0.00%	0.00%	789	751	772
Phagi	0.00%	100.00%	0.00%	0.00%	792	758	776	
Unnao	0.00%	100.00%	0.00%	0.00%	775	740	758	
WR	Akola	0.00%	100.00%	0.00%	0.00%	780	755	768
	Aurangabad	0.00%	97.50%	2.50%	2.50%	806	759	788
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	764	776
	Bilaspur	0.00%	100.00%	0.00%	0.00%	780	764	773
	Bina	0.00%	100.00%	0.00%	0.00%	797	772	783
	Champa	0.00%	91.39%	2.99%	2.99%	805	786	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	773	781
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	767	786
	Gwalior	0.00%	99.86%	0.14%	0.14%	801	766	781
	Indore	0.00%	100.00%	0.00%	0.00%	788	763	776
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	774	786
	Koradi	0.00%	100.00%	0.00%	0.00%	761	742	753
	Pune	0.00%	99.72%	0.00%	0.00%	800	745	781
	Raigarh PS (Kotra)	0.00%	99.51%	0.49%	0.49%	800	785	794
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	794	775	785
	Sasan	0.00%	100.00%	0.00%	0.00%	784	765	774
	Satna	0.00%	100.00%	0.00%	0.00%	794	770	781
	Seoni	0.00%	100.00%	0.00%	0.00%	796	772	785
	Sipat	0.00%	100.00%	0.00%	0.00%	777	764	771
	Sholapur	0.00%	76.32%	15.21%	15.21%	809	769	795
Tamnara PS	0.00%	100.00%	0.00%	0.00%	799	785	793	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	767	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	784	766	776	
Wardha	0.00%	97.15%	2.85%	2.85%	806	765	787	
SR	Nellore PS	0.00%	99.24%	0.76%	0.76%	802	768	784
	Raichur	0.00%	86.74%	13.26%	13.26%	808	764	791
	Kurnool	0.00%	83.68%	16.32%	16.32%	809	767	791
	Thiruvalam	0.00%	77.29%	22.71%	22.71%	813	772	792
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	772	782
	Gaya	0.00%	100.00%	0.00%	0.00%	787	753	768
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	781	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	778	790
Sasaram	0.00%	100.00%	0.00%	0.00%	787	729	751	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	404	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	406
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	410

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