

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

**Date of Reporting: 5-Jul-16  
System Reliability Indices Report for: 4-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	36	9.00	37.50
4	NEW-SR	18	4.50	18.75
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	10	2.50	10.42
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 04-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%	790	744	769
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	753	764
	Ballia	0.00%	100.00%	0.00%	0.00%	786	745	767
	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	758	777
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	737	762
	Jhatikara	0.00%	100.00%	0.00%	0.00%	794	755	776
	Lucknow	0.00%	100.00%	0.00%	0.00%	794	750	772
	Meerut	0.00%	97.71%	0.28%	0.28%	801	755	781
	Moga	0.00%	100.00%	0.00%	0.00%	786	747	768
Phagi	0.00%	100.00%	0.00%	0.00%	786	754	773	
Unnao	0.00%	100.00%	0.00%	0.00%	773	728	752	
WR	Akola	0.00%	100.00%	0.00%	0.00%	773	752	764
	Aurangabad	0.00%	99.51%	0.49%	0.49%	804	762	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	749	765
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	759	769
	Bina	0.00%	100.00%	0.00%	0.00%	785	758	771
	Champa	0.00%	95.56%	3.13%	3.13%	804	779	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	766	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	767	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	753	773
	Indore	0.00%	100.00%	0.00%	0.00%	783	751	767
	Jabalpur	0.00%	100.00%	0.00%	0.00%	788	763	775
	Koradi	0.00%	100.00%	0.00%	0.00%	756	739	751
	Pune	4.86%	95.14%	0.00%	4.86%	794	721	760
	Raigarh PS (Kotra)	0.00%	99.79%	0.21%	0.21%	801	781	790
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	795	775	781
	Sasan	0.00%	100.00%	0.00%	0.00%	776	760	770
	Satna	0.00%	100.00%	0.00%	0.00%	782	760	773
	Seoni	0.00%	100.00%	0.00%	0.00%	792	763	777
	Sipat	0.00%	100.00%	0.00%	0.00%	773	760	767
	Sholapur	0.00%	91.04%	7.99%	7.99%	810	767	789
Tamnara PS	0.00%	100.00%	0.00%	0.00%	799	780	789	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	791	762	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	766	772	
Wardha	0.00%	99.72%	0.28%	0.28%	801	759	780	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	772	784
	Raichur	0.00%	99.72%	0.28%	0.28%	801	765	786
	Kurnool	0.00%	98.26%	1.74%	1.74%	802	771	787
	Thiruvalam	0.00%	77.71%	22.29%	22.29%	813	780	793
ER	Angul	0.00%	100.00%	0.00%	0.00%	788	770	780
	Gaya	0.00%	100.00%	0.00%	0.00%	786	748	767
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	776	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	775	785
Sasaram	0.69%	99.31%	0.00%	0.69%	786	725	758	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	407	408
	Balipara (400 kV)	0.00%	99.93%	0.07%	0.07%	420	398	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	400	407
	Misa (400 kV)	0.00%	99.44%	0.56%	0.56%	421	401	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	404	411

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