

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

**Date of Reporting: 1-Jul-16  
System Reliability Indices Report for: 30-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	26	6.50	27.08
2	ER-NR	0	0.00	0.00
3	Import of NR	71	17.75	73.96
4	NEW-SR	0	0.00	0.00
5	ER-NER	8	2.00	8.33

**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	3	0.75	3.13
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
4	ER-NER	4	1.00	4.17

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 30-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%	787	746	764
	Anpara-C	0.00%	100.00%	0.00%	0.00%	766	755	760
	Ballia	0.00%	100.00%	0.00%	0.00%	776	741	757
	Bhiwani	0.00%	100.00%	0.00%	0.00%	790	754	768
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	741	757
	Jhatikara	0.00%	100.00%	0.00%	0.00%	789	749	767
	Lucknow	0.00%	100.00%	0.00%	0.00%	792	753	770
	Meerut	0.00%	98.06%	0.63%	0.63%	802	758	778
	Moga	0.00%	100.00%	0.00%	0.00%	777	754	760
Phagi	0.00%	100.00%	0.00%	0.00%	783	746	764	
Unnao	0.00%	100.00%	0.00%	0.00%	769	740	752	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	763	775
	Aurangabad	0.00%	89.10%	10.90%	10.90%	805	767	790
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	751	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	761	770
	Bina	0.00%	100.00%	0.00%	0.00%	787	755	770
	Champa	0.00%	94.58%	2.36%	2.36%	802	784	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	766	776
	Dhule (BDTCL)	0.00%	95.63%	4.38%	4.38%	801	769	783
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	752	769
	Indore	0.00%	100.00%	0.00%	0.00%	792	755	769
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	761	775
	Koradi	0.00%	100.00%	0.00%	0.00%	773	750	761
	Pune	0.00%	94.72%	0.00%	0.00%	800	772	789
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	782	792
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	791	773	782
	Sasan	0.00%	100.00%	0.00%	0.00%	774	759	766
	Satna	0.00%	100.00%	0.00%	0.00%	783	757	767
	Seoni	0.00%	100.00%	0.00%	0.00%	793	769	781
	Sipat	0.00%	100.00%	0.00%	0.00%	774	761	768
	Sholapur	0.00%	46.46%	46.46%	46.46%	818	784	802
Tamnara PS	0.00%	100.00%	0.00%	0.00%	798	783	792	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	799	758	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	775	764	769	
Wardha	0.83%	98.96%	0.21%	1.04%	800	712	788	
SR	Nellore PS	0.00%	77.01%	22.99%	22.99%	810	780	794
	Raichur	0.00%	70.69%	29.31%	29.31%	811	773	798
	Kurnool	0.00%	64.86%	35.14%	35.14%	813	778	799
	Thiruvalam	0.00%	30.28%	69.72%	69.72%	823	790	805
ER	Angul	0.00%	100.00%	0.00%	0.00%	788	765	779
	Gaya	0.00%	100.00%	0.00%	0.00%	771	738	752
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	775	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	779	787
Sasaram	0.00%	100.00%	0.00%	0.00%	779	743	760	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	407	407
	Balipara (400 kV)	0.00%	99.17%	0.83%	0.83%	425	396	408
	Bongaigaon (400 kV)	0.00%	99.72%	0.28%	0.28%	420	400	410
	Misa (400 kV)	0.00%	93.68%	6.32%	6.32%	427	399	411
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	410	

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