

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

**Date of Reporting: 30-Jul-16  
System Reliability Indices Report for: 29-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	0	0.00	0.00
4	NEW-SR	4	1.00	4.17
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	0	0.00	0.00
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 29-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%	793	751	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	762	772
	Ballia	0.00%	99.01%	0.99%	0.99%	803	764	781
	Bhiwani	0.00%	89.63%	10.37%	10.37%	802	767	788
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	752	771
	Jhatikara	0.00%	100.00%	0.00%	0.00%	778	770	774
	Lucknow	0.00%	92.80%	7.20%	7.20%	807	774	789
	Meerut	0.00%	63.49%	34.11%	34.11%	812	776	796
	Moga	0.00%	91.88%	8.12%	8.12%	803	765	786
Phagi	0.00%	100.00%	0.00%	0.00%	796	762	780	
Unnao	0.00%	100.00%	0.00%	0.00%	777	751	763	
WR	Akola	0.00%	100.00%	0.00%	0.00%	784	749	768
	Aurangabad	0.00%	92.96%	7.04%	7.04%	804	750	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	752	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	757	766
	Bina	0.00%	100.00%	0.00%	0.00%	799	757	778
	Champa	0.00%	83.57%	12.83%	12.83%	805	781	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	763	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	782	790
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	753	778
	Indore	0.00%	100.00%	0.00%	0.00%	791	755	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	800	763	782
	Koradi	0.00%	100.00%	0.00%	0.00%	764	736	751
	Pune	0.00%	100.00%	0.00%	0.00%	789	730	761
	Raigarh PS (Kotra)	0.00%	91.53%	8.47%	8.47%	802	780	791
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	793	771	780
	Sasan	0.00%	100.00%	0.00%	0.00%	783	760	773
	Satna	0.00%	100.00%	0.00%	0.00%	794	760	778
	Seoni	0.00%	100.00%	0.00%	0.00%	785	763	780
	Sipat	0.00%	100.00%	0.00%	0.00%	773	757	764
	Sholapur	0.00%	71.54%	26.48%	26.48%	814	771	792
Tamnara PS	0.00%	99.79%	0.21%	0.21%	800	779	790	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	765	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	#N/A	#N/A	775	
Wardha	0.00%	100.00%	0.00%	0.00%	#N/A	#N/A	779	
SR	Nellore PS	0.00%	97.53%	2.47%	2.47%	801	777	789
	Raichur	0.00%	68.08%	31.92%	31.92%	811	765	795
	Kurmoor	0.00%	43.97%	56.03%	56.03%	817	781	801
	Thiruvalam	0.00%	31.14%	68.86%	68.86%	817	791	805
ER	Angul	0.00%	100.00%	0.00%	0.00%	788	767	780
	Gaya	0.00%	100.00%	0.00%	0.00%	794	762	778
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	775	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	777	784
	Sasaram	0.00%	100.00%	0.00%	0.00%	771	734	753
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	407
	Balipara (400 kV)	0.00%	98.38%	1.62%	1.62%	422	398	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	407
	Misa (400 kV)	0.00%	91.38%	8.62%	8.62%	424	402	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	409

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