

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

**System Reliability Indices Report for the week from  
25-Jul-2016 to 31-Jul-2016**

Date: 5-Aug-2016

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	65	16.25	9.67
2	ER-NR	0	0.00	0.00
3	Import of NR	50	12.50	7.44
4	NEW-SR	49	12.25	7.29
5	ER-NER	0	0.00	0.00

**Percentage(%) of times (N-1) Criteria was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	5	1.25	0.74
2	ER-NR	0	0.00	0.00
3	Import of NR	8	2.00	1.19
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 week from 25-Jul-2016 to 31-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%	796	746	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	759	769
	Ballia	0.00%	99.83%	0.17%	0.17%	803	757	780
	Bhiwani	0.00%	96.71%	3.29%	3.29%	806	761	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	735	769
	Jhatikara	0.00%	100.00%	0.00%	0.00%	778	770	773
	Lucknow	0.00%	95.14%	4.86%	4.86%	810	764	786
	Meerut	0.00%	76.41%	21.12%	21.12%	815	770	792
	Moga	0.00%	98.01%	1.99%	1.99%	803	756	785
Phagi	0.00%	100.00%	0.00%	0.00%	799	758	779	
Unnao	0.00%	100.00%	0.00%	0.00%	784	739	759	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	749	767
	Aurangabad	0.00%	97.56%	2.44%	2.44%	805	750	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	748	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	779	757	770
	Bina	0.00%	100.00%	0.00%	0.00%	799	756	779
	Champa	0.00%	86.61%	9.59%	9.59%	805	781	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	763	778
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	759	784
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	749	779
	Indore	0.00%	100.00%	0.00%	0.00%	791	746	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	800	763	782
	Koradi	0.00%	100.00%	0.00%	0.00%	772	736	750
	Pune	0.09%	99.78%	0.00%	0.09%	800	723	765
	Raigarh PS (Kotra)	0.00%	96.94%	3.06%	3.06%	802	780	793
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	793	771	783
	Sasan	0.00%	100.00%	0.00%	0.00%	783	757	771
	Satna	0.00%	100.00%	0.00%	0.00%	794	757	777
	Seoni	0.00%	100.00%	0.00%	0.00%	793	763	782
	Sipat	0.00%	100.00%	0.00%	0.00%	777	756	768
	Sholapur	0.00%	74.43%	22.57%	22.57%	814	762	792
Tamnara PS	0.00%	99.87%	0.13%	0.13%	801	779	792	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	753	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	782	759	773	
Wardha	0.00%	98.13%	1.87%	1.87%	804	763	785	
SR	Nellore PS	0.00%	96.75%	3.25%	3.25%	803	774	789
	Raichur	0.00%	84.32%	15.68%	15.68%	812	765	792
	Kurnool	0.00%	50.03%	49.97%	49.97%	817	775	799
	Thiruvalam	0.00%	39.15%	60.85%	60.85%	818	784	803
ER	Angul	0.00%	100.00%	0.00%	0.00%	792	767	782
	Gaya	0.00%	100.00%	0.00%	0.00%	794	756	777
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	775	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	763	783
Sasaram	1.12%	98.88%	0.00%	1.12%	792	721	754	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408
	Balipara (400 kV)	0.00%	99.59%	0.41%	0.41%	422	393	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	395	408
	Misa (400 kV)	0.00%	92.23%	7.77%	7.77%	425	397	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	400	411

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