

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

Date of Reporting: **13-Aug-17**  
System Reliability Indices Report for: **12-Aug-17**

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
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	13	3.25	13.54
5	NER Import	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	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	8	2.00	8.33
4	NER Import	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 12-Aug-2017

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%	789	749	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	735	759
	Moga	0.00%	100.00%	0.00%	0.00%	770	770	770
	Phagi	0.00%	100.00%	0.00%	0.00%	790	760	777
WR	Aurangabad	0.00%	98.68%	1.32%	1.32%	802	763	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	775	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	758	777
	Sholapur	0.00%	99.24%	0.76%	0.76%	802	781	787
SR	Vadodara	0.00%	100.00%	0.00%	0.00%	794	776	780
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	772	783
ER	Raichur	0.00%	100.00%	0.00%	0.00%	797	770	785
	Gaya	0.00%	100.00%	0.00%	0.00%	786	756	769
	Jharsuguda	0.00%	98.61%	1.39%	1.39%	802	773	796
NER	Ranchi	0.00%	100.00%	0.00%	0.00%	792	775	785
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	386	399
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	410

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