

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

Date of Reporting: **14-Jun-17**  
System Reliability Indices Report for: **13-Jun-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	14	3.50	14.58
3	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
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	1	0.25	1.04
3	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
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 13-Jun-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%	790	750	767
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	741	758
	Moga	0.00%	100.00%	100.00%	0.00%	782	749	766
	Phagi	0.00%	100.00%	0.00%	0.00%	788	749	770
WR	Aurangabad	0.00%	99.79%	0.21%	0.21%	800	769	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	759	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	753	767
	Sholapur	0.00%	94.79%	5.21%	5.21%	805	773	791
	Vadodara	0.00%	100.00%	0.00%	0.00%	781	753	768
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	789	780
	Raichur	0.00%	94.86%	5.14%	5.14%	805	772	788
	Thiruvalam	0.00%	82.50%	17.50%	17.50%	811	777	788
ER	Gaya	0.00%	100.00%	0.00%	0.00%	788	747	764
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	773	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	765	778
NER	Balipara (400 kV)	0.00%	99.72%	0.28%	0.28%	424	395	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	392	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	410	414

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