

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

Date of Reporting: **30-Apr-17**  
System Reliability Indices Report for: **29-Apr-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	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	0	0.00	0.00
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 29-Apr-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%	794	753	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	753	767
	Moga	0.00%	100.00%	100.00%	0.00%	792	765	780
	Phagi	0.00%	100.00%	0.00%	0.00%	796	756	774
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	762	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	770	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	758	774
	Sholapur	0.00%	99.93%	0.07%	0.07%	800	768	781
	Vadodara	0.00%	100.00%	0.00%	0.00%	785	759	772
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	780	762	769
	Raichur	0.00%	100.00%	0.00%	0.00%	794	766	779
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	788	767	777
ER	Gaya	0.00%	100.00%	0.00%	0.00%	783	752	766
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	779	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	773	779
NER	Balipara (400 kV)	0.00%	81.39%	18.61%	18.61%	427	391	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	390	400
	Silchar (400 kV)	0.00%	97.15%	2.85%	2.85%	422	398	413

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