

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

Date of Reporting: **30-May-17**  
System Reliability Indices Report for: **29-May-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-May-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%	797	758	776
	Fatehpur	0.00%	100.00%	0.00%	0.00%	797	740	758
	Moga	0.00%	99.24%	101.39%	0.00%	801	764	779
	Phagi	0.21%	98.40%	1.39%	1.60%	804	701	780
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	763	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	772	780
	Gwalior	0.00%	98.06%	1.94%	1.94%	804	761	781
	Sholapur	0.00%	98.06%	1.94%	1.94%	802	768	789
	Vadodara	0.00%	100.00%	0.00%	0.00%	786	757	774
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	767	780
	Raichur	0.00%	97.99%	2.01%	2.01%	802	771	786
	Thiruvallur	0.00%	76.94%	23.06%	23.06%	805	771	789
ER	Gaya	0.00%	100.00%	0.00%	0.00%	798	756	778
	Jharsuguda	0.00%	97.92%	2.08%	2.08%	801	773	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	775	782
NER	Balipara (400 kV)	0.00%	97.57%	2.43%	2.43%	425	393	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	394	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	408

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