

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

Date of Reporting: **18-Jul-17**  
System Reliability Indices Report for: **17-Jul-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	5	1.25	5.21
4	NEW-SR	0	0.00	0.00
5	NER Import	3	0.75	3.13

**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	1	0.25	1.04

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 17-Jul-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%	791	758	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	754	769
	Moga	0.00%	100.00%	100.00%	0.00%	782	762	771
	Phagi	0.00%	100.00%	0.00%	0.00%	790	767	777
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	800	763	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	765	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	758	775
	Sholapur	0.00%	96.88%	3.13%	3.13%	803	780	791
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	769	783
SR	Nellore PS	0.00%	80.83%	19.17%	19.17%	807	776	789
	Raichur	0.00%	91.53%	8.47%	8.47%	803	764	788
	Thiruvalam	0.00%	49.74%	50.26%	50.26%	819	0	804
ER	Gaya	0.00%	100.00%	0.00%	0.00%	785	756	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	773	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	771	780
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	400	400	400
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	405	389	398
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	408

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