

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

Date of Reporting: **24-Jul-17**  
System Reliability Indices Report for: **23-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	1	0.25	1.04
4	NEW-SR	5	1.25	5.21
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	1	0.25	1.04
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 23-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%	797	752	781
	Fatehpur	0.00%	100.00%	0.00%	0.00%	797	741	767
	Moga	0.00%	100.00%	0.00%	0.00%	785	759	773
	Phagi	0.00%	100.00%	0.00%	0.00%	796	763	785
WR	Aurangabad	0.00%	91.88%	8.13%	8.13%	806	777	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	772	779
	Gwalior	0.00%	99.51%	0.49%	0.49%	801	753	784
	Sholapur	0.00%	81.88%	18.13%	18.13%	810	781	795
	Vadodara	0.00%	100.00%	0.00%	0.00%	800	776	789
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	779	787
	Raichur	0.00%	99.44%	0.56%	0.56%	803	782	793
ER	Gaya	0.00%	100.00%	0.00%	0.00%	785	756	774
	Jharsuguda	0.00%	85.42%	14.58%	14.58%	803	773	794
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	774	785
NER	Balipara (400 kV)	0.00%	98.75%	1.25%	1.25%	422	402	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	396	403
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	408	411

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