

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

Date of Reporting: 7-Jul-17  
System Reliability Indices Report for: 6-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	0	0.00	0.00
4	NEW-SR	7	1.75	7.29
5	NER Import	15	3.50	17.00

**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	24	6.00	25.00

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 06-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%	794	750	768
	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	737	763
	Moga	0.00%	100.00%	05-07-2017	0.00%	784	762	764
	Phagi	0.00%	100.00%	04-07-2017	4292000.00%	796	750	779
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	766	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	775	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	752	776
	Sholapur	0.00%	97.64%	2.36%	2.36%	806	778	791
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	770	781
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	779	786
	Raichur	0.00%	97.08%	2.92%	2.92%	804	775	790
	Thiruvalam	0.00%	70.83%	29.17%	29.17%	805	786	795
ER	Gaya	0.00%	100.00%	0.00%	0.00%	789	756	770
	Jharsuguda	1500.00%	350.00%	1700.00%	3200.00%	802	773	794
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	773	786
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	404	701	400
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	392	399
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	403	409

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