

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

Date of Reporting: **7-Aug-17**  
System Reliability Indices Report for: **6-Aug-17**

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	2	0.50	2.08
2	ER-NR	0	0.00	0.00
3	Import of NR	16	4.00	16.67
4	NEW-SR	4	1.00	4.17
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 06-Aug-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%	793	757	776
	Fatehpur	0.00%	100.00%	0.00%	0.00%	793	743	762
	Moga	0.00%	100.00%	0.00%	0.00%	780	757	769
	Phagi	0.00%	100.00%	0.00%	0.00%	793	762	779
WR	Aurangabad	0.00%	99.65%	0.35%	0.35%	803	765	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	776	783
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	763	780
	Sholapur	0.00%	98.06%	1.94%	1.94%	809	781	786
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	776	782
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	779	786
	Raichur	0.00%	98.68%	1.32%	1.32%	804	774	788
ER	Gaya	0.00%	100.00%	0.00%	0.00%	786	756	773
	Jharsuguda	0.00%	85.28%	14.72%	14.72%	806	773	796
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	775	786
NER	Balipara (400 kV)	0.14%	99.86%	0.00%	0.14%	413	396	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	404	390	399
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	408

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