

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
14-Aug-2017 to 20-Aug-2017

Date: 25-Aug-2017

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	ER-NER	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	ER-NER	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 week from 14-Aug-2017 to 20-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%	796	744	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	796	735	760
	Moga	0.00%	100.00%	0.00%	0.00%	772	752	769
	Phagi	0.00%	100.00%	0.00%	0.00%	794	751	773
WR	Aurangabad	0.00%	98.36%	1.64%	1.64%	805	746	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	798	741	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	748	774
	Sholapur	0.00%	95.81%	4.19%	4.19%	806	764	788
	Vadodara	0.00%	100.00%	0.00%	0.00%	797	749	778
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	736	783
	Raichur	0.00%	97.84%	2.16%	2.16%	805	766	788
	Thiruvalam	0.00%	51.59%	48.41%	48.41%	820	758	798
ER	Gaya	0.00%	100.00%	0.00%	0.00%	786	750	767
	Jharsuguda	0.00%	92.05%	7.95%	7.95%	808	744	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	760	784
NER	Balipara (400 kV)	0.04%	98.89%	0.85%	0.90%	804	396	462
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	770	390	454
	Silchar (400 kV)	0.00%	99.69%	0.31%	0.31%	804	394	462

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