

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

**System Reliability Indices Report for the week from
22-May-2017 to 28-May-2017**

Date: 31-May-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	2	0.50	0.30
5	ER-NER	1	0.25	0.15

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 22-May-2017 to 28-May-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%	799	752	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	799	740	759
	Moga	0.00%	99.89%	57.34%	57.34%	801	759	776
	Phagi	0.03%	99.77%	0.20%	0.23%	804	701	777
WR	Aurangabad	0.00%	99.59%	0.41%	0.41%	804	757	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	769	780
	Gwalior	0.01%	99.64%	0.35%	0.36%	804	715	777
	Sholapur	0.02%	94.48%	5.50%	5.52%	808	716	788
	Vadodara	0.00%	100.00%	0.00%	0.00%	791	753	774
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	754	777
	Raichur	0.00%	98.05%	1.95%	1.95%	805	755	786
	Thiruvalam	0.00%	88.85%	11.15%	11.15%	806	764	788
ER	Gaya	0.00%	99.92%	0.08%	0.08%	801	756	776
	Jharsuguda	0.00%	97.71%	2.29%	2.29%	803	765	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	798	769	784
NER	Balipara (400 kV)	0.00%	97.42%	2.58%	2.58%	427	393	410
	Bongaigaon (400 kV)	0.00%	98.90%	1.10%	1.10%	422	389	408
	Silchar (400 kV)	0.00%	99.76%	0.24%	0.24%	421	398	409

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