

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

Date of Reporting: 4-Apr-17
System Reliability Indices Report for: 3-Apr-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	27	6.75	28.13
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	2	0.50	2.08
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 03-Apr-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%	782	755	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	740	757
	Moga	0.00%	100.00%	0.00%	0.00%	798	769	783
	Phagi	0.00%	100.00%	0.00%	0.00%	791	768	778
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	0	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	0	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	786	0	772
	Sholapur	0.00%	95.76%	4.24%	4.24%	803	0	784
	Vadodara	0.00%	100.00%	0.00%	0.00%	790	0	774
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	766	777
	Raichur	0.00%	99.17%	0.83%	0.83%	801	765	782
	Thiruvallur	0.00%	78.47%	21.53%	21.53%	810	777	790
ER	Gaya	0.00%	100.00%	0.00%	0.00%	779	753	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	781	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	0	784
NER	Balipara (400 kV)	0.00%	99.44%	0.56%	0.56%	422	391	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	390	403
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	403	412

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