

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **29-Apr-17**
System Reliability Indices Report for: **28-Mar-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	6	1.50	6.25
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 28-Mar-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%	791	762	776
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	746	761
	Moga	0.00%	97.01%	0.00%	0.00%	802	770	785
	Phagi	0.00%	100.00%	0.00%	0.00%	798	771	783
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	800	764	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	796	775	784
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	766	780
	Sholapur	0.00%	99.24%	0.76%	0.76%	805	767	785
	Vadodara	0.00%	100.00%	0.00%	0.00%	789	0	775
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	776	786
	Raichur	0.00%	97.01%	2.99%	2.99%	804	773	787
	Thiruvalam	0.00%	85.56%	14.44%	14.44%	803	777	790
ER	Gaya	0.00%	100.00%	0.00%	0.00%	788	761	777
	Jharsuguda	0.00%	99.51%	0.49%	0.49%	800	781	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	774	784
NER	Balipara (400 kV)	0.00%	99.72%	0.28%	0.28%	420	391	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	390	404
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	410

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