

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

Date of Reporting: 7-Apr-17
System Reliability Indices Report for: 6-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	16	4.00	16.67
5	NER Import	4	1.00	4.17

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	3	0.75	3.13

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-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%	789	740	771
	Fatehpur	0.63%	98.61%	0.00%	0.63%	789	725	755
	Moga	0.00%	83.13%	0.00%	0.00%	807	756	788
	Phagi	0.00%	100.00%	0.00%	0.00%	795	756	780
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	765	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	764	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	747	773
	Sholapur	0.00%	99.93%	0.07%	0.07%	800	765	782
	Vadodara	0.00%	100.00%	0.00%	0.00%	787	0	775
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	784	765	774
	Raichur	0.00%	100.00%	0.00%	0.00%	794	766	780
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	798	776	786
ER	Gaya	0.00%	100.00%	0.00%	0.00%	778	739	764
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	772	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	764	779
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	391	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	390	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	400	413

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