

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: 2-Apr-17
System Reliability Indices Report for: 1-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	2	0.50	2.08
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 01-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	763	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	747	763
	Moga	0.00%	98.68%	0.00%	0.00%	803	771	784
	Phagi	0.00%	100.00%	0.00%	0.00%	793	770	782
WR	Aurangabad	0.00%	93.61%	6.39%	6.39%	805	762	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	769	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	768	780
	Sholapur	0.00%	89.58%	10.42%	10.42%	809	762	786
	Vadodara	0.00%	100.00%	0.00%	0.00%	790	763	778
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	776	788
	Raichur	0.00%	97.15%	2.85%	2.85%	805	769	788
	Thiruvalam	0.00%	90.56%	9.44%	9.44%	803	783	794
ER	Gaya	0.00%	100.00%	0.00%	0.00%	782	757	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	779	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	770	781
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	391	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	390	398
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	407

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