

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

Date of Reporting: **3-Apr-17**
System Reliability Indices Report for: **2-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	13	3.25	13.54
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 02-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%	798	756	780
	Fatehpur	0.00%	100.00%	0.00%	0.00%	798	744	766
	Moga	0.00%	96.88%	0.00%	0.00%	803	764	785
	Phagi	0.00%	99.17%	0.83%	0.83%	801	767	785
WR	Aurangabad	0.00%	99.93%	0.07%	0.07%	800	765	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	775	782
	Gwalior	0.00%	99.93%	0.07%	0.07%	800	762	782
	Sholapur	0.00%	97.64%	2.36%	2.36%	807	772	787
	Vadodara	0.00%	100.00%	0.00%	0.00%	790	766	778
SR	Nellore PS	0.00%	99.58%	0.42%	0.42%	802	780	792
	Raichur	0.00%	97.85%	2.15%	2.15%	805	780	791
	Thiruvallam	0.00%	34.03%	65.97%	65.97%	811	795	802
ER	Gaya	0.00%	100.00%	0.00%	0.00%	792	758	777
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	781	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	772	784
NER	Balipara (400 kV)	0.00%	99.86%	0.14%	0.14%	420	391	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	390	403
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	0	412

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