

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

Date of Reporting: **9-Apr-17**
System Reliability Indices Report for: **8-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	21	5.25	21.88
5	NER Import	3	0.75	3.13

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 08-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%	795	750	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	732	759
	Moga	0.00%	94.86%	0.00%	0.00%	803	761	787
	Phagi	0.00%	100.00%	0.00%	0.00%	795	763	781
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	760	777
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	775	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	755	776
	Sholapur	0.00%	99.10%	0.90%	0.90%	806	767	783
	Vadodara	0.00%	100.00%	0.00%	0.00%	789	764	776
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	787	747	767
	Raichur	0.00%	98.61%	1.39%	1.39%	805	769	788
	Thiruvalam	0.00%	71.18%	28.82%	28.82%	806	770	796
ER	Gaya	0.00%	100.00%	0.00%	0.00%	785	732	765
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	780	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	770	783
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	391	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	390	406
	Silchar (400 kV)	0.00%	93.40%	6.60%	6.60%	422	398	412

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