

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

Date of Reporting: **10-Feb-17**
System Reliability Indices Report for: **9-Feb-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	4	1.00	4.17
2	ER-NR	0	0.00	0.00
3	Import of NR	15	3.75	15.63
4	NEW-SR	3	0.75	3.13
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 09-Feb-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%	794	751	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	746	767
	Moga	0.00%	93.40%	6.60%	6.60%	804	764	781
	Phagi	0.00%	97.57%	2.43%	2.43%	801	758	778
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	751	775
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	794	773	784
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	759	777
	Sholapur	0.00%	98.82%	1.18%	1.18%	804	763	784
	Vadodara	0.00%	100.00%	0.00%	0.00%	792	761	778
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	787	764	775
	Raichur	0.00%	100.00%	0.00%	0.00%	796	763	780
	Thiruvalam	0.00%	83.75%	16.25%	16.25%	801	775	789
ER	Gaya	0.00%	100.00%	0.00%	0.00%	789	754	772
	Jharsuguda	0.00%	82.57%	17.43%	17.43%	804	784	794
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	773	785
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	391	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	390	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	410

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