

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

Date of Reporting: **12-Apr-17**  
System Reliability Indices Report for: **11-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	4	1.00	4.17
5	NER Import	16	4.00	16.67

**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	13	3.25	13.54

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 11-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%	99.03%	0.83%	0.83%	#N/A	#N/A	782
	Fatehpur	0.42%	99.37%	0.00%	0.42%	#N/A	#N/A	765
	Moga	0.00%	93.18%	0.00%	0.00%	#N/A	#N/A	786
	Phagi	0.00%	97.70%	2.30%	2.30%	#N/A	#N/A	787
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	#N/A	#N/A	775
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	#N/A	#N/A	773
	Gwalior	0.00%	99.44%	0.56%	0.56%	#N/A	#N/A	783
	Sholapur	0.00%	99.65%	0.35%	0.35%	#N/A	#N/A	780
	Vadodara	0.00%	100.00%	0.00%	0.00%	#N/A	#N/A	768
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	#N/A	#N/A	774
	Raichur	0.00%	100.00%	0.00%	0.00%	#N/A	#N/A	782
	Thiruvalam	0.00%	75.19%	24.81%	24.81%	#N/A	#N/A	790
ER	Gaya	0.00%	100.00%	0.00%	0.00%	#N/A	#N/A	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	#N/A	#N/A	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	#N/A	#N/A	776
NER	Balipara (400 kV)	0.00%	99.72%	0.28%	0.28%	#N/A	391	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	#N/A	390	404
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	#N/A	#N/A	411

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