

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

Date of Reporting: **27-Apr-16**  
System Reliability Indices Report for: **26-Apr-16**

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	5	1.25	5.21
2	ER-NR	0	0.00	0.00
3	Import of NR	35	8.75	36.46
4	NEW-SR	0	0.00	0.00
5	ER-NER	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	3	0.75	0.03
4	NEW-SR	0	0.00	0.00
4	ER-NER	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 26-Apr-2016

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%	792	737	768
	Fatehpur	1.32%	97.50%	0.00%	1.32%	776	726	754
	Moga	0.00%	99.10%	0.90%	0.90%	807	758	784
	Phagi	0.00%	100.00%	0.00%	0.00%	784	735	764
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	763	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	761	768
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	743	770
	Sholapur	0.00%	100.00%	0.00%	0.00%	795	764	784
SR	Vadodara	0.00%	100.00%	0.00%	0.00%	790	762	775
	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	778	787
	Raichur	0.00%	100.00%	0.00%	0.00%	799	767	784
	Thiruvalam	0.00%	95.07%	4.93%	4.93%	803	782	793
ER	Gaya	0.00%	100.00%	0.00%	0.00%	779	740	760
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	785	770	776
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	769	777
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	394	404
	Silchar (400 kV)	0.00%	99.51%	0.49%	0.49%	422	402	413

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