

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

Date of Reporting: **25-Jun-17**  
System Reliability Indices Report for: **24-Jun-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	15	3.75	15.63
4	NEW-SR	0	0.00	0.00
5	ER-NER	15	3.75	15.63

**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	1	0.25	0.01
4	NEW-SR	0	0.00	0.00
4	ER-NER	8	2.00	0.08

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 24-Jun-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	741	769
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	734	759
	Moga	0.00%	100.00%	0.00%	0.00%	785	750	765
	Phagi	0.07%	99.93%	0.00%	0.07%	792	727	772
WR	Aurangabad	0.00%	98.96%	1.04%	1.04%	802	775	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	772	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	748	775
	Sholapur	0.00%	85.07%	14.93%	14.93%	809	781	794
	Vadodara	0.00%	100.00%	0.00%	0.00%	789	767	778
SR	Nellore PS	0.00%	95.14%	4.86%	4.86%	802	776	789
	Raichur	0.00%	80.97%	19.03%	19.03%	811	779	794
	Thiruvalam	0.00%	60.63%	39.38%	39.38%	817	786	801
ER	Gaya	0.00%	100.00%	0.00%	0.00%	789	746	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	782	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	770	783
NER	Balipara (400 kV)	0.00%	98.47%	1.53%	1.53%	428	401	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	392	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	408

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