

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **28-Jun-17**
System Reliability Indices Report for: **27-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	10	2.50	10.42
4	NEW-SR	0	0.00	0.00
5	ER-NER	22	5.50	22.92

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	ER-NER	20	5.00	0.21

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 27-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	751	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	744	761
	Moga	0.00%	100.00%	0.00%	0.00%	779	751	764
	Phagi	0.00%	100.00%	0.00%	0.00%	792	753	772
WR	Aurangabad	0.00%	92.85%	7.15%	7.15%	804	778	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	796	779	788
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	758	775
	Sholapur	0.00%	65.42%	34.58%	34.58%	810	783	797
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	767	780
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	780	789
	Raichur	0.00%	76.39%	23.61%	23.61%	808	783	796
	Thiruvalam	0.00%	66.46%	33.54%	33.54%	810	785	798
ER	Gaya	0.00%	100.00%	0.00%	0.00%	792	763	776
	Jharsuguda	0.00%	71.60%	28.40%	28.40%	805	788	798
	Ranchi	0.00%	99.93%	0.07%	0.07%	800	779	790
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	411	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	389	398
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	408

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