

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

Date of Reporting: **29-Jun-17**
System Reliability Indices Report for: **28-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	3	0.75	3.13
4	NEW-SR	1	0.25	1.04
5	ER-NER	38	9.50	39.58

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	36	9.00	0.38

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 28-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%	797	757	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	783	741	764
	Moga	0.00%	100.00%	0.00%	0.00%	791	755	778
	Phagi	0.00%	100.00%	0.00%	0.00%	796	765	781
WR	Aurangabad	0.00%	96.80%	3.20%	3.20%	804	775	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	800	775	787
	Gwalior	0.00%	98.82%	1.18%	1.18%	802	765	779
	Sholapur	0.00%	77.31%	22.69%	22.69%	810	783	796
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	769	780
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	779	788
	Raichur	0.00%	89.93%	10.07%	10.07%	809	782	794
	Thiruvalam	0.00%	71.18%	28.82%	28.82%	810	787	798
ER	Gaya	0.00%	100.00%	0.00%	0.00%	794	756	778
	Jharsuguda	0.00%	40.28%	59.72%	59.72%	808	784	799
	Ranchi	0.00%	94.79%	5.21%	5.21%	804	774	790
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	393	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	391	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	409

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