

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

Date of Reporting: **27-Jun-17**
System Reliability Indices Report for: **26-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	12	3.00	12.50
4	NEW-SR	0	0.00	0.00
5	ER-NER	4	1.00	4.17

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	3	0.75	0.03

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-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%	790	750	769
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	744	759
	Moga	0.00%	100.00%	0.00%	0.00%	775	752	757
	Phagi	0.00%	100.00%	0.00%	0.00%	785	757	770
WR	Aurangabad	0.00%	97.36%	2.64%	2.64%	803	767	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	798	778	789
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	757	775
	Sholapur	0.00%	72.36%	27.64%	27.64%	807	769	796
	Vadodara	0.00%	100.00%	0.00%	0.00%	797	768	781
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	779	789
	Raichur	0.00%	87.08%	12.92%	12.92%	805	774	793
	Thiruvalam	0.00%	56.04%	43.96%	43.96%	816	787	800
ER	Gaya	0.00%	100.00%	0.00%	0.00%	787	757	773
	Jharsuguda	0.00%	65.90%	34.10%	34.10%	807	787	798
	Ranchi	0.00%	99.86%	0.14%	0.14%	800	776	789
NER	Balipara (400 kV)	0.00%	99.58%	0.42%	0.42%	421	402	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	392	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	403	409

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