

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

**System Reliability Indices Report for the week from
29-May-2017 to 04-Jun-2017**

Date: 9-Jun-2017

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	4	1.00	0.60
4	NEW-SR	4	1.00	0.60
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	0	0.00	0.00
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 week from 29-May-2017 to 04-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%	799	744	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	799	736	758
	Moga	0.00%	99.89%	43.06%	43.06%	801	753	775
	Phagi	0.03%	99.77%	0.20%	0.23%	804	701	774
WR	Aurangabad	0.00%	99.44%	0.56%	0.56%	804	758	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	767	779
	Gwalior	0.00%	99.72%	0.28%	0.28%	804	748	775
	Sholapur	0.00%	96.97%	3.03%	3.03%	805	758	784
	Vadodara	0.00%	100.00%	0.00%	0.00%	790	749	772
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	754	774
	Raichur	0.00%	99.71%	0.29%	0.29%	802	755	781
	Thiruvalam	0.00%	93.15%	6.85%	6.85%	805	764	785
ER	Gaya	0.00%	100.00%	0.00%	0.00%	798	756	772
	Jharsuguda	0.00%	99.40%	0.60%	0.60%	801	773	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	767	783
NER	Balipara (400 kV)	0.00%	98.07%	1.93%	1.93%	427	393	410
	Bongaigaon (400 kV)	0.00%	99.45%	0.55%	0.55%	422	389	403
	Silchar (400 kV)	0.00%	99.76%	0.24%	0.24%	421	398	409

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