

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **30-Jul-17**
System Reliability Indices Report for: **29-Jul-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	2	0.50	2.08
2	ER-NR	0	0.00	0.00
3	Import of NR	5	1.25	5.21
4	NEW-SR	12	3.00	12.50
5	NER Import	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	NER Import	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 day of 29-Jul-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%	792	752	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	740	760
	Moga	0.00%	100.00%	0.00%	0.00%	781	756	770
	Phagi	0.00%	100.00%	0.00%	0.00%	793	761	777
WR	Aurangabad	0.00%	99.93%	0.07%	0.07%	800	764	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	774	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	761	778
	Sholapur	0.00%	98.06%	1.94%	1.94%	804	781	790
	Vadodara	0.00%	90.00%	10.00%	10.00%	804	776	789
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	760	783
	Raichur	0.00%	99.86%	0.14%	0.14%	801	771	787
ER	Gaya	0.00%	100.00%	0.00%	0.00%	776	756	763
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	773	794
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	771	782
NER	Balipara (400 kV)	0.00%	84.62%	15.38%	15.38%	431	0	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	392	401
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	409

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