

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **1-Aug-17**
System Reliability Indices Report for: **31-Jul-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	2	0.50	2.08
4	NEW-SR	5	1.25	5.21
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 31-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%	795	756	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	741	759
	Moga	0.00%	100.00%	0.00%	0.00%	786	762	772
	Phagi	0.00%	100.00%	0.00%	0.00%	798	763	780
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	768	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	775	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	758	777
	Sholapur	0.00%	95.28%	4.72%	4.72%	804	781	789
SR	Vadodara	0.00%	100.00%	0.00%	0.00%	799	776	785
	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	768	781
ER	Raichur	0.00%	100.00%	0.00%	0.00%	798	766	786
	Gaya	0.00%	100.00%	0.00%	0.00%	777	756	763
	Jharsuguda	0.00%	98.61%	1.39%	1.39%	801	773	795
NER	Ranchi	0.00%	100.00%	0.00%	0.00%	793	771	784
	Balipara (400 kV)	0.00%	99.31%	0.69%	0.69%	421	397	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	389	401
	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.