

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

Date of Reporting: 8-Jul-17
System Reliability Indices Report for: 7-Jul-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	0	0.00	0.00
4	NEW-SR	5	1.25	5.21
5	NER Import	15	3.50	17.00

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	9	2.25	9.38

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 07-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%	793	749	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	793	738	762
	Moga	0.00%	100.00%	05-07-2017	0.00%	788	756	770
	Phagi	0.00%	100.00%	04-07-2017	4292000.00%	789	756	772
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	760	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	775	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	752	771
	Sholapur	0.00%	99.31%	0.69%	0.69%	802	768	789
	Vadodara	0.00%	100.00%	0.00%	0.00%	789	763	779
SR	Nellore PS	0.00%	96.25%	3.75%	3.75%	802	777	789
	Raichur	0.00%	96.81%	3.19%	3.19%	803	774	791
	Thiruvalam	0.00%	65.42%	34.58%	34.58%	812	786	798
ER	Gaya	0.00%	100.00%	0.00%	0.00%	784	756	767
	Jharsuguda	1500.00%	350.00%	1700.00%	3200.00%	797	773	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	767	781
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	701	401
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	391	399
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	403	409

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