

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

Date of Reporting: **29-Jul-17**
System Reliability Indices Report for: **28-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	1	0.25	1.04
4	NEW-SR	6	1.50	6.25
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 28-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%	791	756	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	748	763
	Moga	0.00%	99.93%	0.07%	0.07%	889	765	769
	Phagi	0.00%	100.00%	0.00%	0.00%	786	757	775
WR	Aurangabad	0.00%	93.13%	6.88%	6.88%	805	770	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	775	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	762	778
	Sholapur	0.00%	97.43%	2.57%	2.57%	804	781	792
	Vadodara	0.00%	91.11%	8.89%	8.89%	804	776	790
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	760	780
	Raichur	0.00%	100.00%	0.00%	0.00%	798	774	787
ER	Gaya	0.00%	100.00%	0.00%	0.00%	780	756	767
	Jharsuguda	0.00%	99.31%	0.69%	0.69%	800	773	794
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	771	784
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	391	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	404	409

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