

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

Date of Reporting: **2-Aug-17**
System Reliability Indices Report for: **1-Aug-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	13	3.25	13.54
4	NEW-SR	0	0.00	0.00
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	2	0.50	2.08
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 01-Aug-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	754	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	739	759
	Moga	0.00%	100.00%	0.00%	0.00%	792	767	779
	Phagi	0.00%	100.00%	0.00%	0.00%	794	766	781
WR	Aurangabad	0.00%	99.44%	0.56%	0.56%	803	770	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	774	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	758	777
	Sholapur	0.00%	98.75%	1.25%	1.25%	806	781	788
SR	Vadodara	0.00%	100.00%	0.00%	0.00%	799	776	786
	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	769	780
ER	Raichur	0.00%	100.00%	0.00%	0.00%	797	767	784
	Gaya	0.00%	100.00%	0.00%	0.00%	775	756	764
	Jharsuguda	0.00%	97.92%	2.08%	2.08%	802	773	795
NER	Ranchi	0.00%	100.00%	0.00%	0.00%	793	769	783
	Balipara (400 kV)	0.40%	99.44%	0.16%	0.56%	420	148	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	391	402
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	410

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