

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

Date of Reporting: **5-Aug-17**  
System Reliability Indices Report for: **4-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	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 04-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%	792	754	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	742	761
	Moga	0.00%	100.00%	0.00%	0.00%	775	757	771
	Phagi	0.00%	100.00%	0.00%	0.00%	793	759	780
WR	Aurangabad	0.00%	99.03%	0.97%	0.97%	802	760	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	772	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	755	776
	Sholapur	0.00%	98.26%	1.74%	1.74%	803	781	787
SR	Vadodara	0.00%	100.00%	0.00%	0.00%	799	776	782
	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	768	780
ER	Raichur	0.00%	100.00%	0.00%	0.00%	800	770	784
	Gaya	0.00%	100.00%	0.00%	0.00%	790	756	773
	Jharsuguda	0.00%	86.11%	13.89%	13.89%	804	773	795
NER	Ranchi	0.00%	100.00%	0.00%	0.00%	794	770	784
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	0	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	404	0	398
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	0	407

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