

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

Date of Reporting: **2-Jul-17**
System Reliability Indices Report for: **1-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	4	1.00	4.17
4	NEW-SR	0	0.00	0.00
5	NER Import	1	0.25	1.04

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	1	0.25	1.04

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-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%	792	750	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	737	761
	Moga	0.00%	100.00%	100.00%	0.00%	794	770	781
	Phagi	0.00%	100.00%	0.00%	0.00%	799	760	781
WR	Aurangabad	0.00%	98.47%	1.53%	1.53%	803	771	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	776	783
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	756	778
	Sholapur	0.00%	88.96%	11.04%	11.04%	806	775	792
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	770	785
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	780	788
	Raichur	0.00%	85.56%	14.44%	14.44%	807	780	792
	Thiruvallur	0.00%	77.05%	22.95%	22.95%	808	0	796
ER	Gaya	0.00%	100.00%	0.00%	0.00%	794	756	779
	Jharsuguda	0.00%	95.14%	4.86%	4.86%	802	773	795
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	780	790
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	398	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	393	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	404	410

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