

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

Date of Reporting: **3-Jul-17**
System Reliability Indices Report for: **2-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	1	0.25	1.04
4	NEW-SR	2	0.50	2.08
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 02-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%	96.81%	2.15%	2.15%	804	740	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	804	732	765
	Moga	0.00%	100.00%	0.00%	0.00%	792	765	773
	Phagi	0.00%	96.25%	3.75%	3.75%	802	754	783
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	764	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	765	779
	Gwalior	0.00%	97.92%	2.08%	2.08%	802	742	778
	Sholapur	0.00%	93.68%	6.32%	6.32%	806	776	792
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	775	788
SR	Nellore PS	0.00%	97.85%	2.15%	2.15%	804	783	793
	Raichur	0.00%	76.04%	23.96%	23.96%	811	783	796
	Thiruvalam	0.00%	20.90%	79.10%	79.10%	814	794	804
ER	Gaya	0.00%	98.82%	1.18%	1.18%	802	756	775
	Jharsuguda	0.00%	93.68%	6.32%	6.32%	802	773	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	791	791
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	411	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	389	401
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	403	411

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