

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

Date of Reporting: **31-Jul-17**
System Reliability Indices Report for: **30-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	4	1.00	4.17
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	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 30-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%	793	750	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	793	736	758
	Moga	0.00%	100.00%	0.00%	0.00%	784	759	771
	Phagi	0.00%	100.00%	0.00%	0.00%	795	763	780
WR	Aurangabad	0.00%	99.17%	0.83%	0.83%	805	775	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	776	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	756	778
	Sholapur	0.00%	93.47%	6.53%	6.53%	807	781	792
SR	Vadodara	0.00%	100.00%	0.00%	0.00%	798	776	790
	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	760	785
ER	Raichur	0.00%	98.89%	1.11%	1.11%	802	780	790
	Gaya	0.00%	100.00%	0.00%	0.00%	781	756	767
	Jharsuguda	0.00%	89.03%	10.97%	10.97%	804	773	795
NER	Ranchi	0.00%	100.00%	0.00%	0.00%	794	772	785
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	390	399
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	403	408

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