

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

Date of Reporting: **26-Jul-17**
System Reliability Indices Report for: **25-Jul-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	5	1.25	5.21
2	ER-NR	0	0.00	0.00
3	Import of NR	9	2.25	9.38
4	NEW-SR	31	7.75	32.29
5	NER Import	25	6.25	26.04

Percentage(%) of times (N-1) Criteria was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	4	1.00	4.17
2	ER-NR	0	0.00	0.00
3	Import of NR	5	1.25	5.21
4	NEW-SR	1	0.25	1.04
4	NER Import	16	4.00	16.67

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 25-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%	789	754	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	741	762
	Moga	0.00%	100.00%	0.00%	0.00%	780	753	767
	Phagi	0.00%	100.00%	0.00%	0.00%	799	760	781
WR	Aurangabad	0.00%	96.39%	3.61%	3.61%	806	768	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	774	783
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	759	782
	Sholapur	0.00%	95.83%	4.17%	4.17%	804	781	790
	Vadodara	0.00%	96.53%	3.47%	3.47%	802	776	789
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	767	778
	Raichur	0.00%	99.51%	0.49%	0.49%	803	770	785
ER	Gaya	0.00%	100.00%	0.00%	0.00%	786	756	774
	Jharsuguda	0.00%	84.31%	15.69%	15.69%	803	773	796
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	776	789
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	155	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	403	392	398
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	408

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