

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **5-May-17**
System Reliability Indices Report for: **4-May-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	0	0.00	0.00
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 04-May-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%	784	753	769
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	738	755
	Moga	0.00%	100.00%	0.00%	0.00%	799	768	782
	Phagi	0.00%	100.00%	04-05-2017	4285900.00%	787	762	776
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	765	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	768	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	786	754	771
	Sholapur	0.00%	99.38%	0.63%	0.63%	801	769	786
	Vadodara	0.00%	100.00%	0.00%	0.00%	782	758	771
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	786	765	775
	Raichur	0.00%	91.53%	8.47%	8.47%	803	774	787
	Thiruvalam	0.00%	83.26%	16.74%	16.74%	808	775	791
ER	Gaya	0.00%	100.00%	0.00%	0.00%	774	744	758
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	780	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	771	779
NER	Balipara (400 kV)	0.00%	88.13%	11.88%	11.88%	425	398	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	389	403
	Silchar (400 kV)	0.00%	99.86%	0.14%	0.14%	421	402	411

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