

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **26-Jun-17**
System Reliability Indices Report for: **25-Jun-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	9	2.25	9.38
4	NEW-SR	0	0.00	0.00
5	ER-NER	38	9.50	39.58

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	ER-NER	32	8.00	0.33

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-Jun-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%	790	741	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	736	762
	Moga	0.00%	100.00%	0.00%	0.00%	775	753	767
	Phagi	0.00%	100.00%	0.00%	0.00%	784	751	771
WR	Aurangabad	0.00%	97.22%	2.78%	2.78%	802	781	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	761	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	749	775
	Sholapur	0.00%	90.49%	9.51%	9.51%	806	782	794
	Vadodara	0.00%	100.00%	0.00%	0.00%	797	774	784
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	779	791
	Raichur	0.00%	95.00%	5.00%	5.00%	802	780	793
	Thiruvalam	0.00%	25.97%	74.03%	74.03%	811	786	803
ER	Gaya	0.00%	100.00%	0.00%	0.00%	787	749	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	800	775	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	763	784
NER	Balipara (400 kV)	0.00%	95.35%	4.65%	4.65%	422	396	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	391	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	409

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