

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **20-Jun-15**
System Reliability Indices Report for: **19-Jun-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	88	22.00	91.67
2	ER-NR	0	0.00	0.00
3	NEW-SR	3	0.75	3.13
4	ER-NER	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	59	14.75	61.46
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
4	ER-NER	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 19-Jun-2015

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%	780	744	764
	Ballia	0.00%	100.00%	0.00%	0.00%	761	742	751
	Bhiwani	0.00%	100.00%	0.00%	0.00%	783	752	769
	Fatehpur	0.00%	99.44%	0.00%	0.00%	766	728	748
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	778	751	764
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	758	767
	Gwalior	0.00%	100.00%	0.00%	0.00%	782	752	768
	Sholapur	0.00%	75.07%	19.24%	19.24%	805	773	792
SR	Raichur	0.00%	85.28%	0.00%	0.00%	800	776	791
	Nellore PS	0.00%	84.72%	0.00%	0.00%	800	781	791
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	414	387	400
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	404
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	775	758	767
	Gaya	0.00%	100.00%	0.00%	0.00%	760	760	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	761	761	761
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	408
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	393	401
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	406

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