

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

Date of Reporting: **24-Jun-15**
System Reliability Indices Report for: **23-Jun-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	26	6.50	27.08
2	ER-NR	0	0.00	0.00
3	NEW-SR	35	8.75	36.46
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	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	NEW-SR	1	0.25	1.04
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 23-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%	786	740	764
	Ballia	0.00%	100.00%	0.00%	0.00%	739	739	739
	Bhiwani	0.00%	96.46%	3.54%	3.54%	804	763	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	732	757
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	781	745	767
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	771	754	763
	Gwalior	0.00%	100.00%	0.00%	0.00%	782	740	765
	Sholapur	0.00%	58.19%	38.54%	38.54%	811	770	796
SR	Raichur	0.00%	61.46%	0.00%	0.00%	800	771	794
	Nellore PS	0.00%	70.69%	0.00%	0.00%	800	779	795
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	416	386	401
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	404
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	764	777
	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%	411	400	406
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	394	402
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	409

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