

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

**Date of Reporting: 25-Jun-15
System Reliability Indices Report for: 24-Jun-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	19	4.75	19.79
2	ER-NR	0	0.00	0.00
3	NEW-SR	49	12.25	51.04
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	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	NEW-SR	2	0.50	2.08
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 24-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%	779	747	764
	Ballia	0.00%	100.00%	0.00%	0.00%	786	739	756
	Bhiwani	0.00%	100.00%	0.00%	0.00%	795	758	778
	Fatehpur	0.00%	100.00%	0.00%	0.00%	770	732	752
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	789	737	770
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	771	759	764
	Gwalior	0.00%	100.00%	0.00%	0.00%	786	753	769
	Sholapur	0.00%	85.00%	9.58%	9.58%	811	767	790
SR	Raichur	0.00%	91.39%	0.00%	0.00%	800	762	786
	Nellore PS	0.00%	65.83%	0.00%	0.00%	800	768	792
	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%	414	391	404
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	770	778
	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%	413	401	406
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	393	401
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	400	409

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