

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

**Date of Reporting: 17-Jun-15
System Reliability Indices Report for: 16-Jun-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	79	19.75	82.29
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	32	8.00	33.33
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 16-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%	774	745	759
	Ballia	0.00%	100.00%	0.00%	0.00%	767	746	756
	Bhiwani	0.00%	100.00%	0.00%	0.00%	781	756	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	764	734	749
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	788	746	767
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	773	741	765
	Gwalior	0.00%	100.00%	0.00%	0.00%	772	745	758
	Sholapur	0.00%	79.31%	16.04%	16.04%	812	767	792
SR	Raichur	0.00%	85.00%	0.00%	0.00%	800	763	792
	Nellore PS	0.00%	76.74%	0.00%	0.00%	800	788	795
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	413	387	401
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	412	392	404
ER	Ranchi	0.20%	99.80%	0.00%	0.20%	779	0	771
	Gaya	0.00%	100.00%	0.00%	0.00%	760	760	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	781	736	754
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	410
NER	Balipara (400 kV)	0.00%	73.19%	25.97%	25.97%	428	386	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	395	404
	Misa (400 kV)	0.00%	99.58%	0.00%	0.00%	420	401	411

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