

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

**Date of Reporting: 19-Jun-15
System Reliability Indices Report for: 18-Jun-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	96	24.00	100.00
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
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	92	23.00	95.83
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 18-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%	778	743	761
	Ballia	0.00%	100.00%	0.00%	0.00%	770	734	751
	Bhiwani	0.00%	100.00%	0.00%	0.00%	785	756	768
	Fatehpur	0.00%	100.00%	0.00%	0.00%	764	729	745
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	742	772
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	773	758	765
	Gwalior	0.00%	100.00%	0.00%	0.00%	780	750	764
	Sholapur	0.00%	94.72%	3.47%	3.47%	803	764	788
SR	Raichur	0.00%	99.44%	0.00%	0.00%	800	759	785
	Nellore PS	0.00%	81.46%	0.00%	0.00%	800	781	790
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	415	384	399
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	415	392	402
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	0	775
	Gaya	0.00%	100.00%	0.00%	0.00%	760	760	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	768	753	764
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	408
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	404
	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%	416	400	409

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