

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

**Date of Reporting: 30-Jun-15
System Reliability Indices Report for: 29-Jun-15**

Percentage (%) of times ATC 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	17	4.25	17.71
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	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 29-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%	790	754	771
	Ballia	0.00%	100.00%	0.00%	0.00%	777	747	762
	Bhiwani	0.00%	100.00%	0.00%	0.00%	794	764	778
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	742	749
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	785	729	762
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	764	749	755
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	754	772
	Sholapur	0.00%	95.83%	1.32%	1.32%	806	758	787
SR	Raichur	0.00%	99.03%	0.00%	0.00%	800	767	787
	Nellore PS	0.00%	83.89%	0.00%	0.00%	800	779	791
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	411	382	397
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	412	392	401
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	777	761	769
	Gaya	0.00%	100.00%	0.00%	0.00%	765	742	757
	Sasaram	0.00%	100.00%	0.00%	0.00%	761	761	761
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	408
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	396	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	395	403
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	409

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