

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **6-Oct-15**
System Reliability Indices Report for: **5-Oct-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	3	0.75	3.13
2	ER-NR	0	0.00	0.00
3	NEW-SR	45	11.25	46.88
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 05-Oct-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%	784	749	769
	Ballia	0.00%	100.00%	0.00%	0.00%	773	742	758
	Bhiwani	0.00%	100.00%	0.00%	0.00%	800	767	780
	Fatehpur	0.00%	100.00%	0.00%	0.00%	764	764	764
WR	Aurangabad	0.00%	99.51%	0.00%	0.00%	800	765	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	750	767
	Gwalior	0.00%	100.00%	0.00%	0.00%	784	749	768
	Sholapur	0.00%	52.92%	44.64%	44.64%	813	778	798
SR	Raichur	0.00%	78.90%	21.10%	21.10%	808	778	793
	Nellore PS	0.00%	77.16%	22.84%	22.84%	809	784	795
	Somanhalli (400 kV)	0.00%	88.02%	11.98%	11.98%	422	389	405
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	417	-43	405
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	768	743	758
	Gaya	0.00%	100.00%	0.00%	0.00%	781	750	766
	Sasaram	0.00%	100.00%	0.00%	0.00%	786	752	769
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	417	405	411
NER	Balipara (400 kV)	0.00%	99.72%	0.00%	0.00%	420	401	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	405
	Misa (400 kV)	0.00%	99.72%	0.00%	0.00%	420	402	410

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