

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

**Date of Reporting: 4-Sep-15
System Reliability Indices Report for: 3-Sep-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	16	4.00	16.67
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	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 03-Sep-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%	777	745	762
	Ballia	0.00%	100.00%	0.00%	0.00%	765	729	746
	Bhiwani	0.00%	100.00%	0.00%	0.00%	784	756	769
	Fatehpur	0.00%	100.00%	0.00%	0.00%	764	736	747
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	784	738	761
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	770	752	756
	Gwalior	0.00%	100.00%	0.00%	0.00%	781	751	766
	Sholapur	0.00%	99.58%	0.35%	0.35%	803	755	779
SR	Raichur	0.00%	100.00%	0.00%	0.00%	798	765	780
	Nellore PS	0.00%	99.64%	0.00%	0.00%	800	0	792
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	415	387	402
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	415	400	405
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	768	768	768
	Gaya	0.00%	100.00%	0.00%	0.00%	771	737	757
	Sasaram	0.00%	100.00%	0.00%	0.00%	778	746	763
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	408
NER	Balipara (400 kV)	0.00%	71.67%	14.38%	14.38%	426	411	417
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	406
	Misa (400 kV)	0.00%	84.65%	9.72%	9.72%	424	410	416

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