

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

**Date of Reporting: 28-Aug-15
System Reliability Indices Report for: 27-Aug-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	65	16.25	67.71
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	35	8.75	36.46
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 27-Aug-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%	783	746	766
	Ballia	0.00%	100.00%	0.00%	0.00%	769	734	753
	Bhiwani	0.00%	100.00%	0.00%	0.00%	785	750	769
	Fatehpur	0.00%	100.00%	0.00%	0.00%	768	731	751
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	781	746	767
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	752	752	752
	Gwalior	0.00%	100.00%	0.00%	0.00%	786	753	769
	Sholapur	0.00%	100.00%	0.00%	0.00%	795	755	781
SR	Raichur	0.00%	100.00%	0.00%	0.00%	793	764	776
	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	779	788
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	410	385	399
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	411	394	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	757	743	746
	Gaya	0.00%	100.00%	0.00%	0.00%	771	744	757
	Sasaram	0.00%	100.00%	0.00%	0.00%	780	756	764
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	414	403	408
NER	Balipara (400 kV)	0.00%	88.06%	4.51%	4.51%	424	412	417
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	405
	Misa (400 kV)	0.00%	97.78%	0.42%	0.42%	422	410	415

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