

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

**Date of Reporting: 29-Aug-15
System Reliability Indices Report for: 28-Aug-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	63	15.75	65.63
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	30	7.50	31.25
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 28-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%	785	745	767
	Ballia	0.00%	100.00%	0.00%	0.00%	770	734	753
	Bhiwani	0.00%	100.00%	0.00%	0.00%	784	751	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	768	730	751
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	782	747	768
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	752	752	752
	Gwalior	0.00%	100.00%	0.00%	0.00%	787	753	772
	Sholapur	0.00%	98.74%	0.00%	0.00%	800	760	784
SR	Raichur	0.00%	100.00%	0.00%	0.00%	795	765	778
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	781	790
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	411	388	401
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	404
ER	Ranchi	12.65%	87.35%	0.00%	12.65%	772	10	743
	Gaya	0.00%	100.00%	0.00%	0.00%	773	743	757
	Sasaram	0.00%	100.00%	0.00%	0.00%	758	758	758
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	409
NER	Balipara (400 kV)	0.00%	74.20%	16.74%	16.74%	425	408	416
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	406
	Misa (400 kV)	0.00%	88.70%	2.65%	2.65%	423	407	414

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