

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

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

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	37	9.25	38.54
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	9	2.25	9.38
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-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%	795	757	776
	Ballia	0.00%	100.00%	0.00%	0.00%	757	757	757
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	766	781
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	747	761
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	778	738	762
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	769	757	761
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	756	772
	Sholapur	0.00%	98.96%	0.63%	0.63%	802	756	784
SR	Raichur	0.00%	99.31%	0.00%	0.00%	800	766	786
	Nellore PS	0.00%	75.80%	0.00%	0.00%	800	50	793
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	416	389	402
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	406
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	770	755	763
	Gaya	0.00%	100.00%	0.00%	0.00%	781	756	770
	Sasaram	0.00%	100.00%	0.00%	0.00%	781	744	767
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	410
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	411	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	405
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	404	411

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