

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

**Date of Reporting: 9-Aug-15
System Reliability Indices Report for: 8-Aug-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	25	6.25	26.04
2	ER-NR	0	0.00	0.00
3	NEW-SR	1	0.25	1.04
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	4	1.00	4.17
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 08-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%	792	757	777
	Ballia	0.00%	100.00%	0.00%	0.00%	757	757	757
	Bhiwani	0.00%	100.00%	0.00%	0.00%	788	761	776
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	748	763
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	776	746	764
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	761	737	755
	Gwalior	0.00%	100.00%	0.00%	0.00%	786	754	773
	Sholapur	0.00%	95.96%	1.46%	1.46%	803	765	787
SR	Raichur	0.00%	99.93%	0.00%	0.00%	800	770	787
	Nellore PS	0.00%	100.00%	0.00%	0.00%	765	765	765
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	409	385	397
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	409	385	398
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	762	739	755
	Gaya	0.00%	100.00%	0.00%	0.00%	781	751	766
	Sasaram	0.00%	100.00%	0.00%	0.00%	770	742	753
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	420	404	411
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	412	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	398	405
	Misa (400 kV)	0.00%	98.75%	0.00%	0.00%	420	407	414

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