

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **7-Aug-15**
System Reliability Indices Report for: **6-Aug-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	39	9.75	40.63
2	ER-NR	0	0.00	0.00
3	NEW-SR	21	5.25	21.88
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	20	5.00	20.83
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 06-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%	789	757	773
	Ballia	0.00%	100.00%	0.00%	0.00%	757	757	757
	Bhiwani	0.00%	100.00%	0.00%	0.00%	784	757	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	771	741	758
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	750	770
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	763	738	756
	Gwalior	0.00%	100.00%	0.00%	0.00%	787	755	770
	Sholapur	0.00%	84.51%	12.29%	12.29%	809	768	789
SR	Raichur	0.00%	94.79%	0.00%	0.00%	800	772	788
	Nellore PS	0.00%	88.71%	0.00%	0.00%	800	50	784
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	411	385	397
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	411	392	401
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	766	745	757
	Gaya	0.00%	100.00%	0.00%	0.00%	775	751	763
	Sasaram	0.00%	100.00%	0.00%	0.00%	764	737	751
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	416	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%	414	398	405
	Misa (400 kV)	0.00%	99.44%	0.00%	0.00%	420	405	412

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