

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

**Date of Reporting: 12-Aug-15
System Reliability Indices Report for: 11-Aug-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	36	9.00	37.50
2	ER-NR	0	0.00	0.00
3	NEW-SR	28	7.00	29.17
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	8	2.00	8.33
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 11-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%	796	765	781
	Ballia	0.00%	100.00%	0.00%	0.00%	757	757	757
	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	768	785
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	751	765
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	775	747	765
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	758	758	758
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	764	780
	Sholapur	0.00%	92.15%	6.60%	6.60%	806	758	789
SR	Raichur	0.00%	99.93%	0.00%	0.00%	800	767	789
	Nellore PS	0.00%	100.00%	0.00%	0.00%	765	765	765
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	415	385	400
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	392	402
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	764	750	758
	Gaya	0.00%	100.00%	0.00%	0.00%	781	756	769
	Sasaram	0.00%	100.00%	0.00%	0.00%	771	736	752
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	408
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%	412	398	406
	Misa (400 kV)	0.00%	96.67%	0.21%	0.21%	421	408	415

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