

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **1-Aug-15**
System Reliability Indices Report for: **31-Jul-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	19	4.75	19.79
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 31-Jul-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%	790	757	774
	Ballia	0.00%	100.00%	0.00%	0.00%	757	757	757
	Bhiwani	0.00%	100.00%	0.00%	0.00%	790	764	779
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	748	767
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	784	749	770
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	768	756	760
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	758	772
	Sholapur	0.00%	92.01%	7.78%	7.78%	805	761	789
SR	Raichur	0.00%	99.72%	0.00%	0.00%	800	768	788
	Nellore PS	0.00%	80.47%	0.00%	0.00%	800	50	793
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	411	384	397
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	412	393	404
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	766	753	761
	Gaya	0.00%	100.00%	0.00%	0.00%	781	757	768
	Sasaram	0.00%	100.00%	0.00%	0.00%	783	766	778
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	414	406	410
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	406	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	406
	Misa (400 kV)	0.00%	99.51%	0.00%	0.00%	420	403	412

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