

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

**Date of Reporting: 31-Jul-15
System Reliability Indices Report for: 30-Jul-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	38	9.50	39.58
2	ER-NR	0	0.00	0.00
3	NEW-SR	39	9.75	40.63
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	6	1.50	6.25
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 30-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%	784	753	771
	Ballia	0.00%	100.00%	0.00%	0.00%	757	757	757
	Bhiwani	0.00%	100.00%	0.00%	0.00%	788	761	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	751	767
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	786	744	770
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	764	758	759
	Gwalior	0.00%	100.00%	0.00%	0.00%	781	750	768
	Sholapur	0.00%	87.52%	12.48%	12.48%	804	759	786
SR	Raichur	0.00%	98.12%	0.00%	0.00%	800	765	784
	Nellore PS	0.00%	80.75%	0.00%	0.00%	800	50	792
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	410	383	395
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	412	392	401
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	763	749	755
	Gaya	0.00%	100.00%	0.00%	0.00%	772	749	762
	Sasaram	0.00%	100.00%	0.00%	0.00%	778	754	767
	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%	414	400	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	397	404
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	409

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