

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

**Date of Reporting: 1-Jul-15
System Reliability Indices Report for: 30-Jun-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	29	7.25	30.21
2	ER-NR	0	0.00	0.00
3	NEW-SR	5	1.25	5.21
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	9	2.25	9.38
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-Jun-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	758	770
	Ballia	0.00%	100.00%	0.00%	0.00%	773	745	761
	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	763	781
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	745	759
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	778	741	758
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	762	747	755
	Gwalior	0.00%	100.00%	0.00%	0.00%	781	753	766
	Sholapur	0.00%	95.63%	3.40%	3.40%	804	766	784
SR	Raichur	0.00%	97.92%	0.00%	0.00%	800	771	786
	Nellore PS	0.00%	88.19%	0.00%	0.00%	800	779	790
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	411	382	397
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	412	392	401
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	775	744	766
	Gaya	0.00%	100.00%	0.00%	0.00%	771	746	759
	Sasaram	0.00%	100.00%	0.00%	0.00%	761	761	761
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	405
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	401
	Misa (400 kV)	0.00%	98.47%	0.00%	0.00%	420	23	406

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