

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **2-Jul-15**
System Reliability Indices Report for: **1-Jul-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	42	10.50	43.75
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	3	0.75	3.13
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 01-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%	787	750	771
	Ballia	0.00%	100.00%	0.00%	0.00%	776	755	760
	Bhiwani	0.00%	100.00%	0.00%	0.00%	792	761	778
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	738	758
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	786	741	764
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	762	770
	Gwalior	0.00%	100.00%	0.00%	0.00%	785	747	771
	Sholapur	0.00%	95.69%	1.11%	1.11%	803	758	783
SR	Raichur	0.00%	99.72%	0.00%	0.00%	800	765	784
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	778	786
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	410	381	396
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	411	389	399
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	767	774
	Gaya	0.00%	100.00%	0.00%	0.00%	777	740	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	761	761	761
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	408
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	396	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	394	402
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	408

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