

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **23-Aug-15**
System Reliability Indices Report for: **22-Aug-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	NEW-SR	17	4.25	17.71
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	0	0.00	0.00
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 22-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%	799	761	780
	Ballia	0.00%	100.00%	0.00%	0.00%	777	740	759
	Bhiwani	0.00%	100.00%	0.00%	0.00%	795	767	776
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	780	780
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	786	748	768
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	756	756	756
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	763	780
	Sholapur	0.00%	91.81%	2.57%	2.57%	803	765	784
SR	Raichur	0.00%	100.00%	0.00%	0.00%	786	786	786
	Nellore PS	0.00%	74.44%	0.00%	0.00%	800	786	792
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	417	393	403
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	415	399	407
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	765	747	757
	Gaya	0.00%	100.00%	0.00%	0.00%	780	747	766
	Sasaram	0.00%	100.00%	0.00%	0.00%	769	735	756
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	408
NER	Balipara (400 kV)	0.00%	67.15%	22.99%	22.99%	427	409	418
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	405
	Misa (400 kV)	0.00%	93.26%	0.90%	0.90%	422	405	414

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