

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

Date of Reporting: **30-Sep-15**
System Reliability Indices Report for: **29-Sep-15**

Percentage (%) of times ATC 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	31	7.75	32.29
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 29-Sep-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%	788	752	771
	Ballia	0.00%	100.00%	0.00%	0.00%	763	735	749
	Bhiwani	0.00%	92.15%	7.85%	7.85%	805	763	782
	Fatehpur	0.00%	100.00%	0.00%	0.00%	768	734	752
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	746	770
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	761	767
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	757	773
	Sholapur	0.00%	100.00%	0.00%	0.00%	793	751	775
SR	Raichur	0.00%	100.00%	0.00%	0.00%	794	758	778
	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	778	788
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	414	391	402
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	411	395	404
ER	Ranchi	23.68%	76.32%	0.00%	23.68%	764	720	737
	Gaya	0.00%	100.00%	0.00%	0.00%	772	742	758
	Sasaram	2.43%	97.57%	0.00%	2.43%	751	724	745
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	408
NER	Balipara (400 kV)	0.00%	95.42%	3.68%	3.68%	423	395	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	390	401
	Misa (400 kV)	0.00%	95.90%	2.99%	2.99%	422	395	409

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