

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

Date of Reporting: **29-Apr-15**
System Reliability Indices Report for: **28-Apr-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	NEW-SR	30	7.50	31.25
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 28-Apr-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%	789	745	768
	Ballia	0.00%	100.00%	0.00%	0.00%	780	734	761
	Bhiwani	0.00%	92.15%	7.85%	7.85%	810	760	784
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	733	758
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	780	729	755
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	762	745	756
	Gwalior	0.00%	100.00%	0.00%	0.00%	784	745	764
	Sholapur	0.00%	99.93%	0.00%	0.00%	800	748	773
SR	Raichur	0.00%	100.00%	0.00%	0.00%	798	759	778
	Nellore PS	0.00%	100.00%	0.00%	0.00%	788	764	777
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	408	383	395
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	410	391	401
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	775	755	767
	Gaya	0.00%	100.00%	0.00%	0.00%	779	738	762
	Sasaram	0.00%	99.58%	0.42%	0.42%	802	735	759
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	420	405	415
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	391	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	392	406
	Misa (400 kV)	0.00%	95.97%	0.63%	0.63%	422	402	414

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