

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

**System Reliability Indices Report for the week from
07-Sep-2015 to 13-Sep-2015**

Date: 16-Sep-2015

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	392	98.00	58.33
2	ER-NR	0	0.00	0.00
3	Import of NR	22	5.50	3.27
4	NEW-SR	0	0.00	0.00
5	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	5	1.25	0.74
3	Import of NR	0	0.00	0.00
4	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 week from 07-Sep-2015 to 13-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%	789	744	765
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	733	757
	Moga	0.00%	100.00%	0.00%	0.00%	795	752	772
	Phagi	0.00%	100.00%	0.00%	0.00%	775	729	753
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	747	773
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	745	763
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	751	770
	Sholapur	0.00%	87.54%	9.39%	9.39%	808	764	788
	Vadodara	0.00%	100.00%	0.00%	0.00%	800	0	789
SR	Nellore PS	0.00%	91.72%	0.00%	0.00%	800	0	793
	Raichur	0.00%	100.00%	0.00%	0.00%	418	0	404
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	416	387	403
ER	Gaya	0.00%	100.00%	0.00%	0.00%	780	751	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	778	738	759
	Ranchi	0.00%	100.00%	0.00%	0.00%	784	738	762
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	398	406
	Bongaigaon (400 kV)	0.00%	97.49%	1.34%	1.34%	425	405	414
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	402

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