

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

**System Reliability Indices Report for the week from  
24-Aug-2015 to 30-Aug-2015**

Date: 3-Sep-2015

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	303	75.75	45.09
2	ER-NR	1	0.25	0.15
3	Import of NR	4	1.00	0.60
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	1	0.25	0.15
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 24-Aug-2015 to 30-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%	797	745	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	734	755
	Moga	0.00%	100.00%	0.00%	0.00%	794	750	772
	Phagi	0.00%	100.00%	0.00%	0.00%	780	730	756
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	742	770
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	756	752	753
	Gwalior	0.00%	99.96%	0.04%	0.04%	801	749	772
	Sholapur	0.00%	96.79%	2.35%	2.35%	807	754	784
	Vadodara	0.00%	100.00%	0.00%	0.00%	800	764	776
SR	Nellore PS	0.00%	88.31%	0.00%	0.00%	800	0	791
	Raichur	0.00%	100.00%	0.00%	0.00%	419	385	400
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	414	393	404
ER	Gaya	1.81%	98.19%	0.00%	1.81%	780	0	755
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	780	742	760
	Ranchi	0.10%	99.90%	0.00%	0.10%	781	726	758
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	408
	Bongaigaon (400 kV)	0.00%	78.72%	13.54%	13.54%	428	408	417
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	405

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