

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

**System Reliability Indices Report for the week from  
15-Jun-2015 to 21-Jun-2015**

Date: 25-Jun-2015

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	500	125.00	74.40
2	ER-NR	0	0.00	0.00
3	Import of NR	31	7.75	4.61
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	11	2.75	1.64
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 15-Jun-2015 to 21-Jun-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%	795	743	764
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	734	755
	Moga	0.00%	98.88%	1.12%	1.12%	808	752	773
	Phagi	0.00%	99.92%	0.00%	0.00%	780	728	751
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	742	769
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	741	766
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	743	764
	Sholapur	0.00%	76.17%	20.54%	20.54%	812	751	791
	Vadodara	0.00%	81.04%	0.00%	0.00%	800	752	789
SR	Nellore PS	0.00%	79.02%	0.00%	0.00%	800	778	794
	Raichur	0.00%	100.00%	0.00%	0.00%	417	383	401
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	416	390	404
ER	Gaya	0.03%	99.97%	0.00%	0.03%	780	0	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	760	760	760
	Ranchi	0.00%	100.00%	0.00%	0.00%	781	736	761
NER	Balipara (400 kV)	0.00%	99.98%	0.02%	0.02%	420	400	410
	Bongaigaon (400 kV)	0.00%	96.17%	3.71%	3.71%	428	386	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	391	404

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