

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

**System Reliability Indices Report for the week from
21-Dec-2015 to 27-Dec-2015**

Date: 31-Dec-2015

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	39	9.75	5.80
2	ER-NR	0	0.00	0.00
3	Import of NR	140	35.00	20.83
4	NEW-SR	29	7.25	4.32
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	25	6.25	3.72
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 21-Dec-2015 to 27-Dec-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%	99.92%	0.05%	0.05%	803	740	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	729	756
	Moga	0.00%	98.86%	1.14%	1.14%	805	759	781
	Phagi	0.00%	100.00%	0.00%	0.00%	791	738	765
WR	Aurangabad	0.00%	97.17%	2.83%	2.83%	808	749	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	756	775
	Gwalior	0.00%	99.97%	0.03%	0.03%	801	743	774
	Sholapur	0.00%	57.62%	38.70%	38.70%	820	760	795
	Vadodara	0.00%	100.00%	0.00%	0.00%	800	757	781
SR	Nellore PS	0.00%	81.26%	18.74%	18.74%	812	770	792
	Raichur	0.00%	59.15%	40.85%	40.85%	816	0	795
	Thiruvallam	0.00%	10.72%	89.28%	89.28%	821	0	805
ER	Gaya	0.00%	100.00%	0.00%	0.00%	785	732	762
	Jharsuguda	0.00%	98.39%	1.61%	1.61%	804	766	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	752	772
NER	Balipara (400 kV)	0.00%	59.28%	40.72%	40.72%	442	392	417
	Bongaigaon (400 kV)	0.00%	99.98%	0.02%	0.02%	420	383	405
	Silchar (400 kV)	0.00%	85.78%	14.22%	14.22%	428	393	413

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