

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

**Date of Reporting: 2-Nov-15
System Reliability Indices Report for: 1-Nov-15**

Percentage (%) of times ATC 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	3	0.75	3.13
4	ER-NER	7	1.75	7.29

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	1	0.25	1.04

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 01-Nov-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	758	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	736	758
	Moga	0.00%	90.56%	9.44%	9.44%	804	767	787
	Phagi	0.00%	100.00%	0.00%	0.00%	790	757	773
WR	Aurangabad	0.00%	96.74%	0.00%	0.00%	800	762	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	762	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	763	778
	Sholapur	0.00%	89.51%	9.93%	9.93%	810	767	789
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	764	781
SR	Nellore PS	0.00%	94.93%	5.07%	5.07%	803	784	794
	Raichur	0.00%	98.40%	1.60%	1.60%	803	770	787
	Thiruvallam	2.91%	72.82%	24.27%	27.18%	0	0	840
ER	Gaya	0.00%	100.00%	0.00%	0.00%	777	744	766
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	774	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	773	765	771
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	397	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	392	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	403	413

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